

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022219\  
 Data File : VW008788.D  
 Acq On : 22 Feb 2019 14:46  
 Operator : SY/VA  
 Sample : VW0222SBSD01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 23 03:38:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 22 00:38:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 320971   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 468652   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 443950   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 240083   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 153400   | 50.96 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.92% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 141332   | 50.23 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.46% |          |
| 50) Toluene-d8              | 10.32 | 98   | 541447   | 49.85 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.70%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 205648   | 48.35 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.70%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85   | 59891    | 18.630  | ug/l   | 96     |
| 3) Chloromethane              | 2.21 | 50   | 76810    | 19.628  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.35 | 62   | 80645    | 19.464  | ug/l   | 100    |
| 5) Bromomethane               | 2.75 | 94   | 59098    | 19.204  | ug/l   | 98     |
| 6) Chloroethane               | 2.91 | 64   | 54222    | 18.430  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.26 | 101  | 111180   | 21.217  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.68 | 74   | 34116    | 20.564  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101  | 63983    | 20.107  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.27 | 142  | 80063    | 20.120  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.17 | 59   | 25383    | 94.710  | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 4.03 | 96   | 57085    | 20.313  | ug/l   | 97     |
| 13) Acrolein                  | 3.90 | 56   | 24606    | 99.936  | ug/l   | 99     |
| 14) Allyl chloride            | 4.67 | 41   | 97573    | 20.117  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.37 | 53   | 72335    | 101.596 | ug/l   | 98     |
| 16) Acetone                   | 4.12 | 43   | 68066    | 97.545  | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.38 | 76   | 179014   | 19.199  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.68 | 43   | 31263    | 18.889  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.43 | 73   | 159031   | 20.907  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.92 | 84   | 73567    | 18.147  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96   | 68969    | 21.216  | ug/l   | 89     |
| 22) Diisopropyl ether         | 6.31 | 45   | 200682   | 20.741  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.26 | 43   | 625494   | 104.631 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.22 | 63   | 114393   | 20.403  | ug/l   | 98     |
| 25) 2-Butanone                | 7.17 | 43   | 99818    | 102.319 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77   | 103884   | 20.408  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96   | 71128    | 20.455  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.51 | 49   | 47552    | 20.267  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.53 | 42   | 63078    | 101.461 | ug/l   | 98     |
| 30) Chloroform                | 7.68 | 83   | 118361   | 20.578  | ug/l   | 97     |
| 31) Cyclohexane               | 7.95 | 56   | 116560   | 20.538  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97   | 108406   | 20.725  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.08 | 75   | 94924    | 20.807  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.26 | 43   | 46586    | 21.960  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117  | 98774    | 20.530  | ug/l   | 99     |

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 Sample : VW0222SBSD01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 23 03:38:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 22 00:38:32 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 112761   | 19.816  | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 258746   | 20.773  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 24392    | 19.561  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 81008    | 20.531  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 83798    | 19.792  | ug/l   | 98       |
| 44) Trichloroethene            | 9.09  | 130  | 74015    | 21.094  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 64351    | 20.907  | ug/l   | 95       |
| 46) Dibromomethane             | 9.46  | 93   | 34405    | 20.095  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.64  | 83   | 85747    | 20.585  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.44  | 41   | 37727    | 18.605  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 9603     | 350.248 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 210623   | 97.983  | ug/l   | 99       |
| 52) Toluene                    | 10.38 | 92   | 169367   | 20.035  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 86451    | 20.362  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 100704   | 20.796  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 48623    | 20.941  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 59068    | 19.581  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 83070    | 20.263  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 157941   | 104.101 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 149102   | 97.441  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 57703    | 20.375  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 46458    | 20.214  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.86 | 164  | 63923    | 20.115  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 186894   | 20.021  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 62919    | 19.934  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 334092   | 20.020  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 268306   | 40.240  | ug/l   | 98       |
| 69) o-Xylene                   | 12.17 | 106  | 122970   | 19.649  | ug/l   | 100      |
| 70) Styrene                    | 12.18 | 104  | 201805   | 20.043  | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 32664    | 19.252  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 339980   | 20.657  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 79353    | 19.140  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 56772    | 21.110  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 37333m   | 18.834  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 81683    | 21.002  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.80 | 91   | 411546   | 20.442  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 235341   | 20.589  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 286076   | 20.001  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 15457    | 18.957  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 244492   | 20.297  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 246637   | 19.943  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 295609   | 19.966  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 362284   | 20.373  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 325670   | 19.977  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 166875   | 20.680  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 163190   | 20.519  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.83 | 91   | 308306   | 20.187  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.10 | 117  | 53787    | 20.154  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 147111   | 20.460  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 8959     | 18.416  | ug/l   | 94       |

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Sample : VW0222SBSD01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

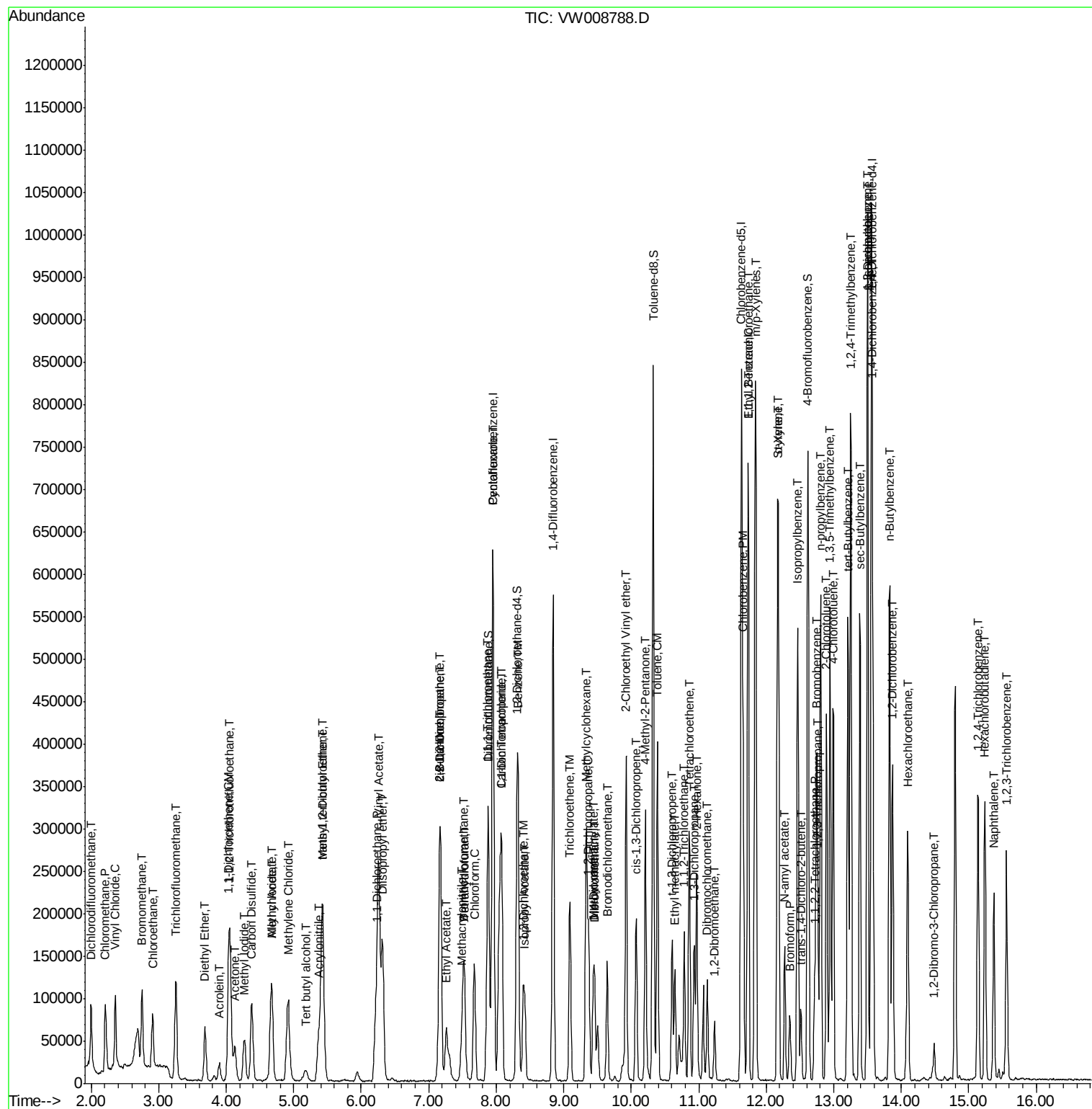
Quant Time: Feb 23 03:38:50 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 22 00:38:32 2019  
Response via : Initial Calibration

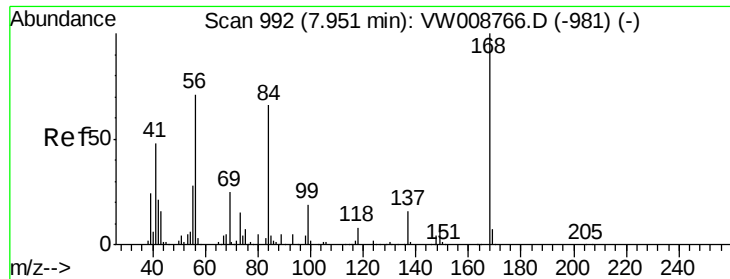
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 106893   | 20.633 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 61026    | 19.998 | ug/l  | 97       |
| 95) Naphthalene            | 15.37 | 128  | 178580   | 20.246 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 90974    | 20.310 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022219\  
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Quant Title : SW846 8260  
QLast Update : Fri Feb 22 00:38:32 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008788.D

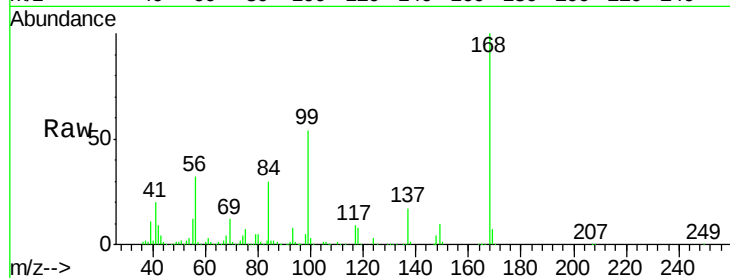
Acq: 22 Feb 2019 14:46

Tot Ion:168 Resp: 320971

Ion Ratio Lower Upper

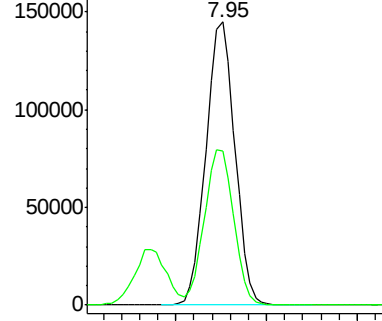
168 100

99 54.3 42.2 63.2

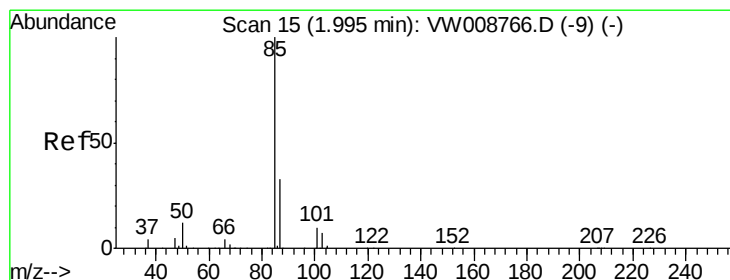
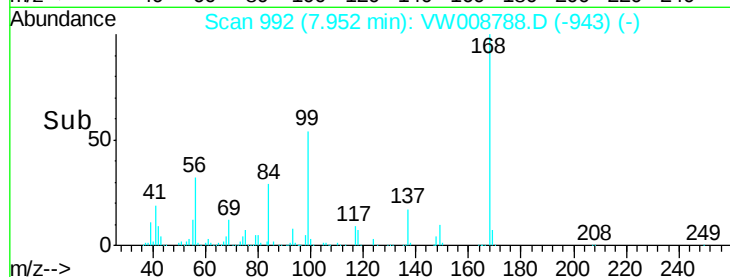


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#2

Dichlorodifluoromethane

Concen: 18.630 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008788.D

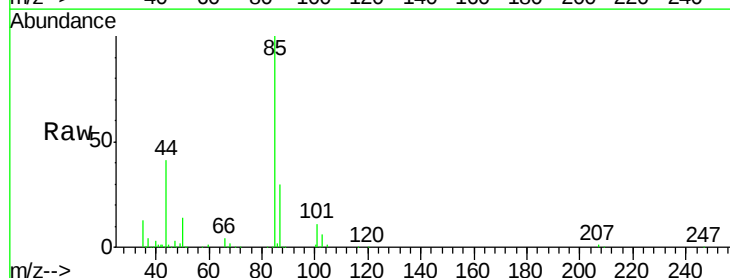
Acq: 22 Feb 2019 14:46

Tgt Ion: 85 Resp: 59891

Ion Ratio Lower Upper

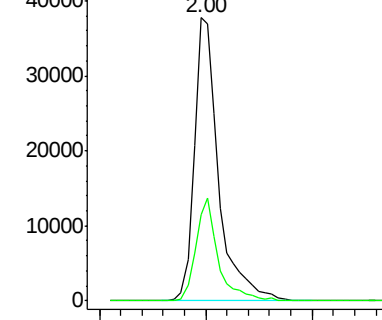
85 100

87 30.5 16.4 49.1

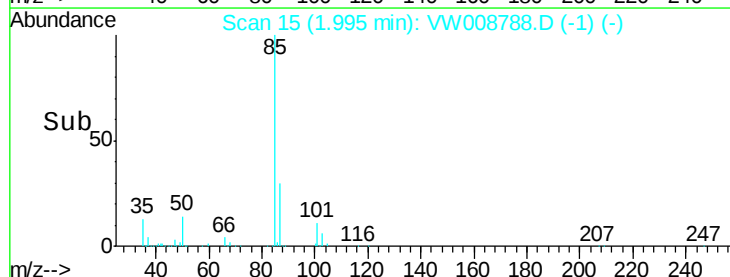


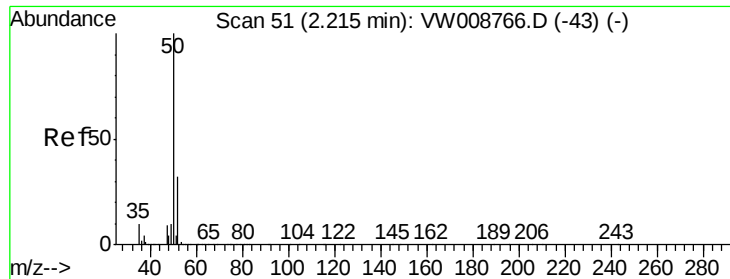
Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



Time-->





#3

Chloromethane

Concen: 19.628 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008788.D

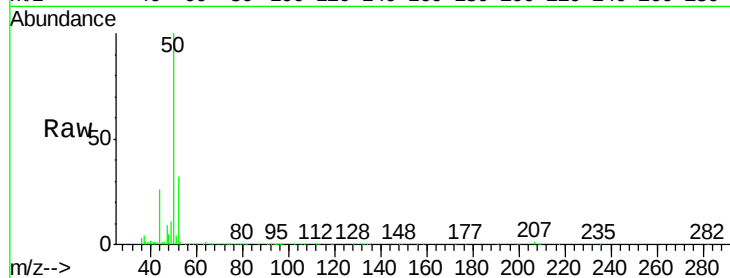
Acq: 22 Feb 2019 14:46

Tot Ion: 50 Resp: 76810

Ion Ratio Lower Upper

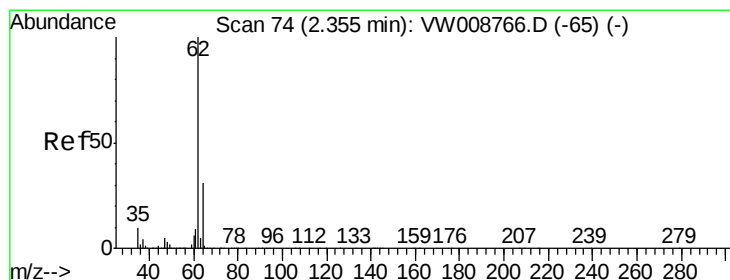
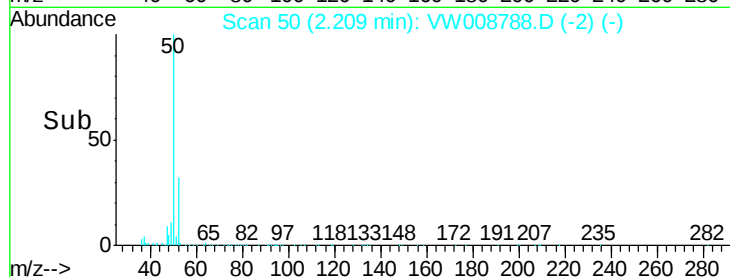
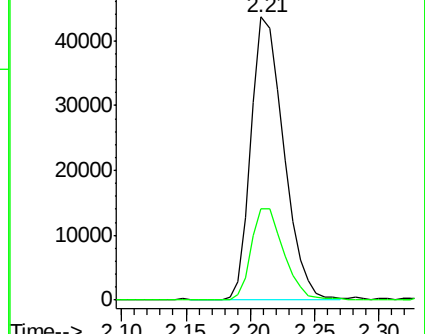
50 100

52 31.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 19.464 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008788.D

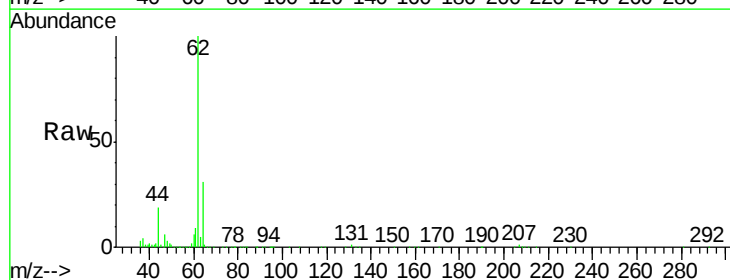
Acq: 22 Feb 2019 14:46

Tgt Ion: 62 Resp: 80645

Ion Ratio Lower Upper

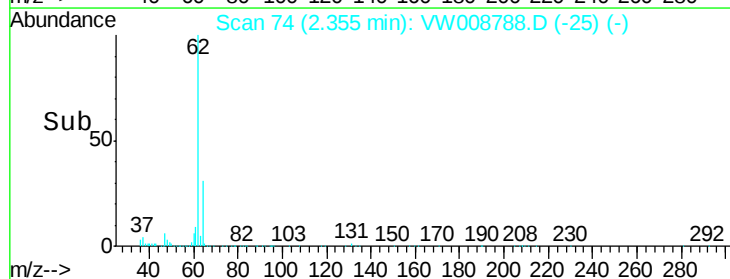
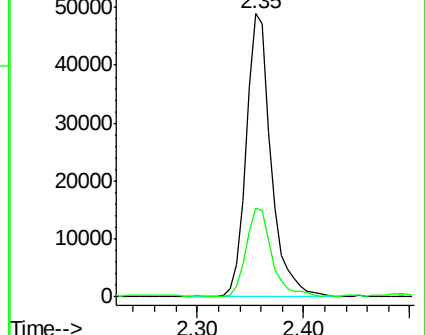
62 100

64 31.0 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.204 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW008788.D

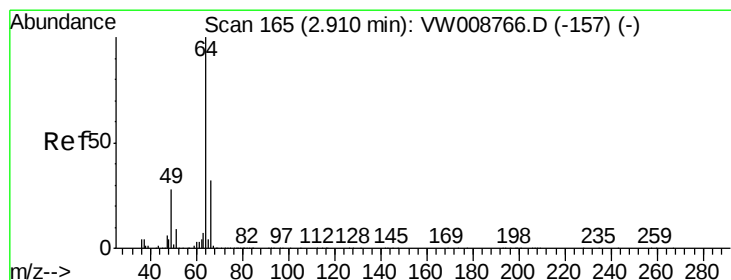
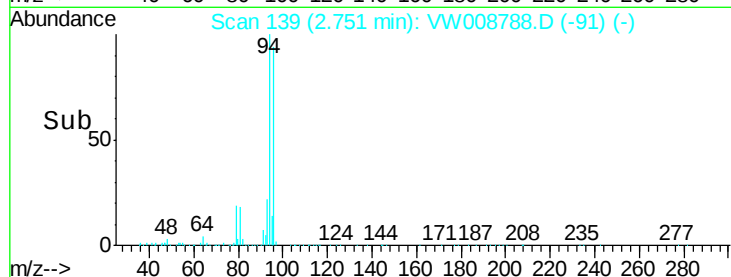
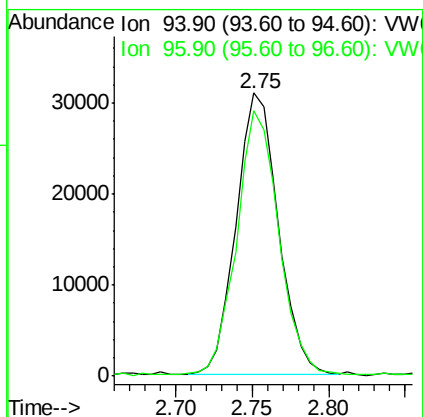
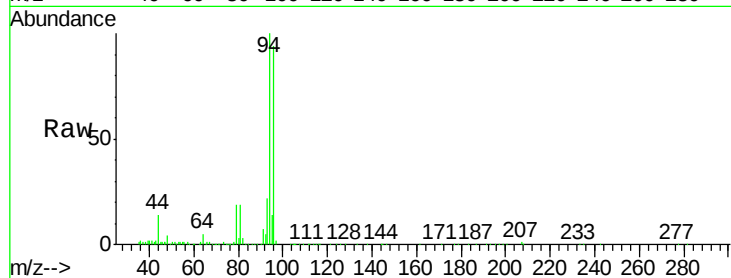
Acq: 22 Feb 2019 14:46

Tot Ion: 94 Resp: 59098

Ion Ratio Lower Upper

94 100

96 93.5 73.4 110.2



#6

Chloroethane

Concen: 18.430 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008788.D

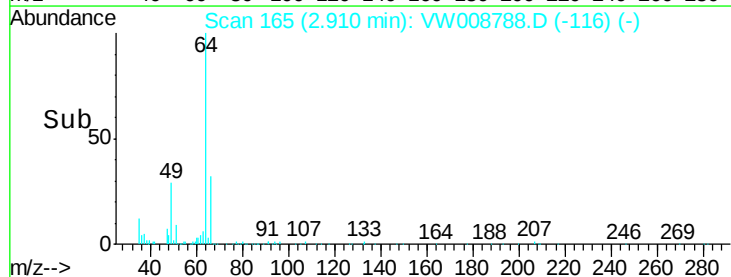
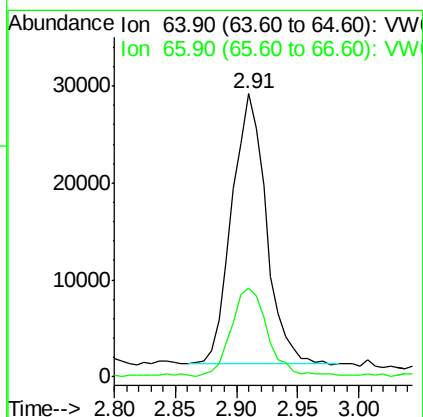
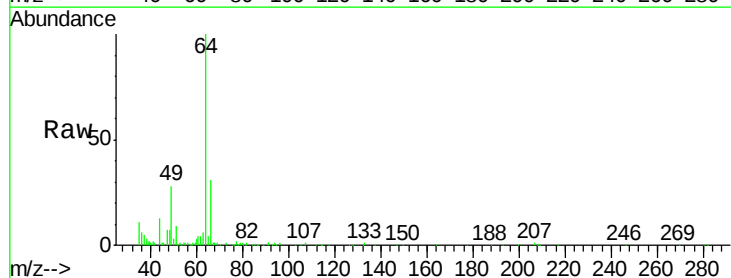
Acq: 22 Feb 2019 14:46

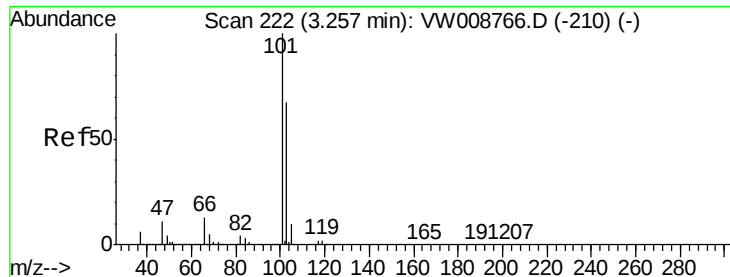
Tgt Ion: 64 Resp: 54222

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3

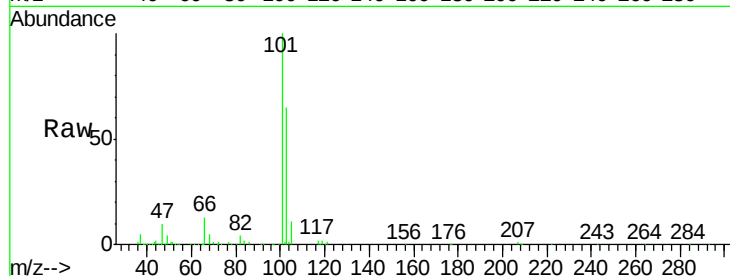




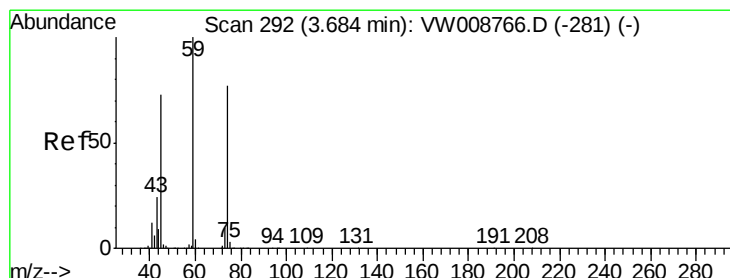
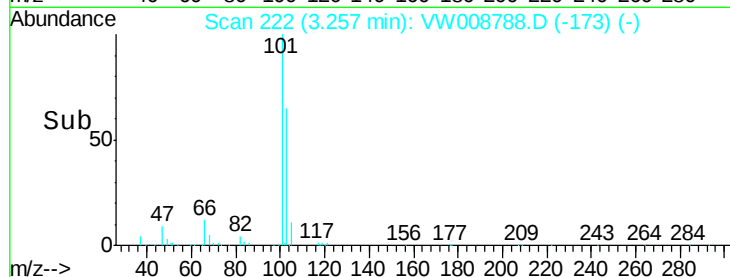
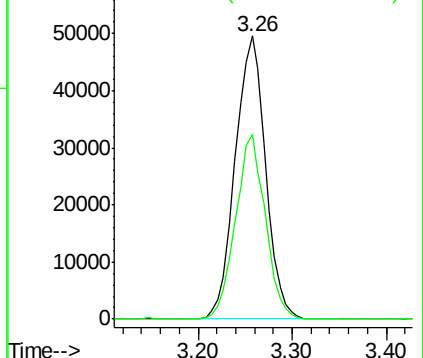
#7

Trichlorofluoromethane  
Concen: 21.217 ug/l  
RT: 3.26 min Scan# 222  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

| Tot Ion | 101   | Resp  | 111180 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 101     | 100   |       |        |
| 103     | 65.3  | 53.9  | 80.9   |



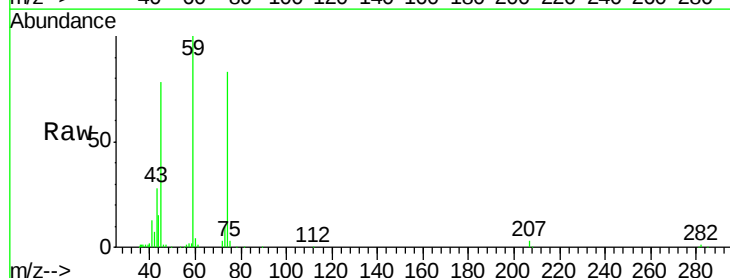
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



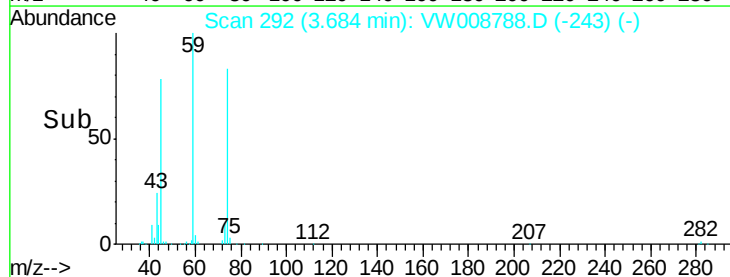
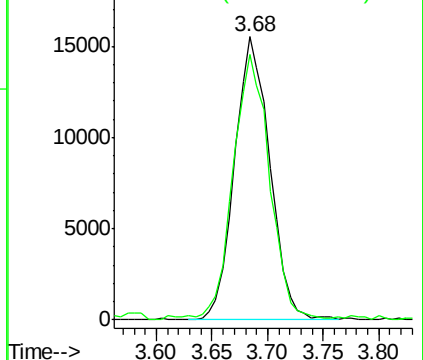
#8

Diethyl Ether  
Concen: 20.564 ug/l  
RT: 3.68 min Scan# 292  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

| Tgt Ion | 74    | Resp  | 34116 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 74      | 100   |       |       |
| 45      | 95.7  | 50.2  | 150.6 |



Abundance Ion 74.00 (73.70 to 74.70): VW  
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.107 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

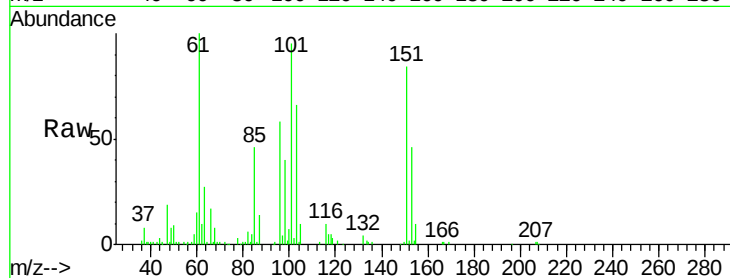
Tot Ion:101 Resp: 63983

Ion Ratio Lower Upper

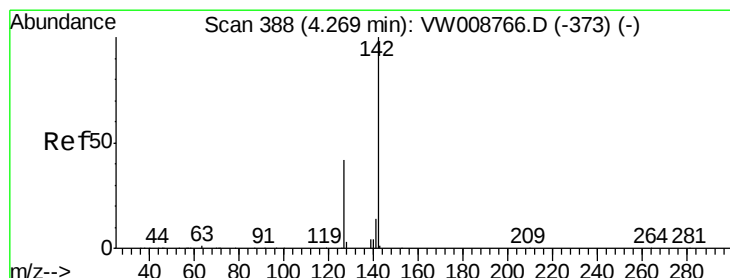
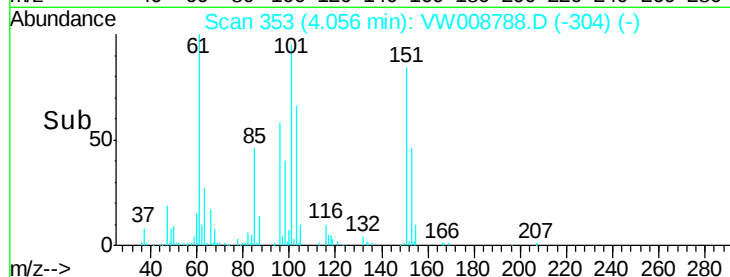
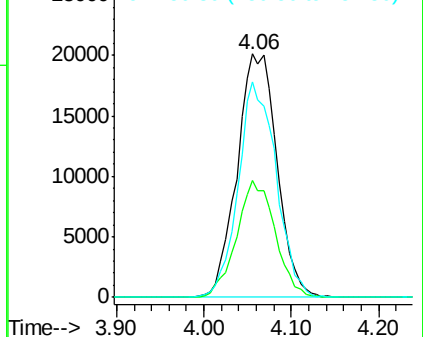
101 100

85 46.2 36.0 54.0

151 84.1 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.120 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

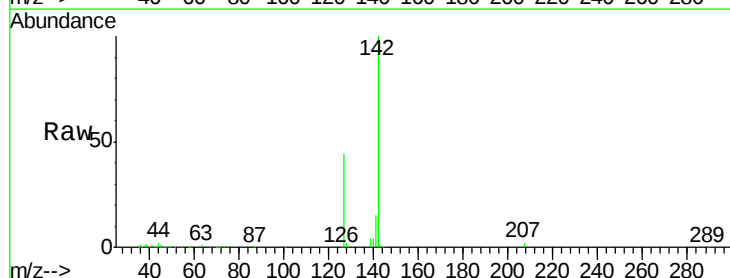
Tgt Ion:142 Resp: 80063

Ion Ratio Lower Upper

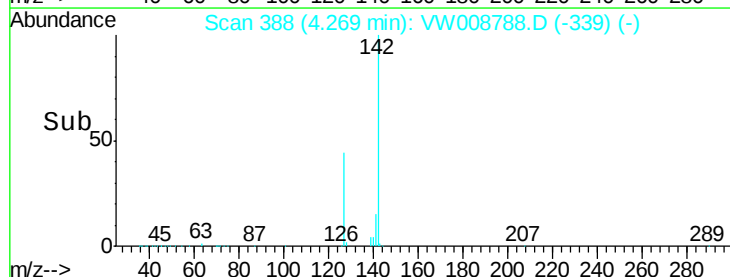
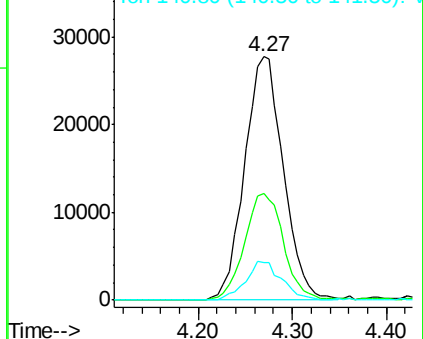
142 100

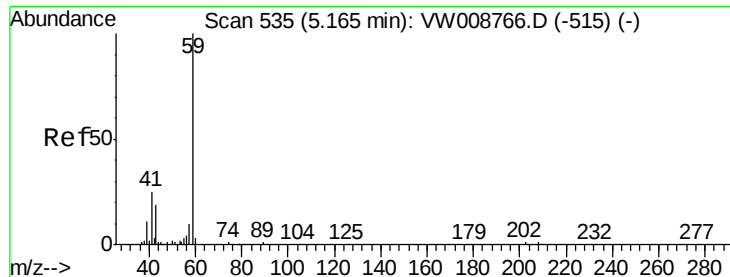
127 43.7 35.3 52.9

141 14.8 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.710 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW008788.D

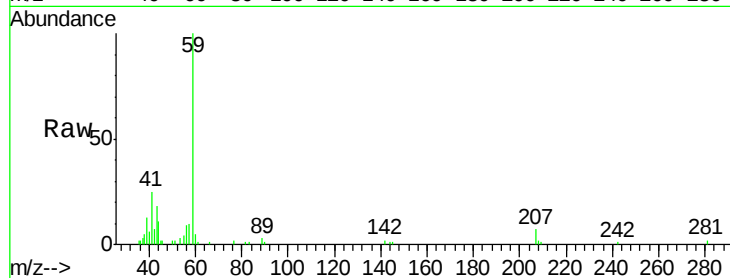
Acq: 22 Feb 2019 14:46

Tot Ion: 59 Resp: 25383

Ion Ratio Lower Upper

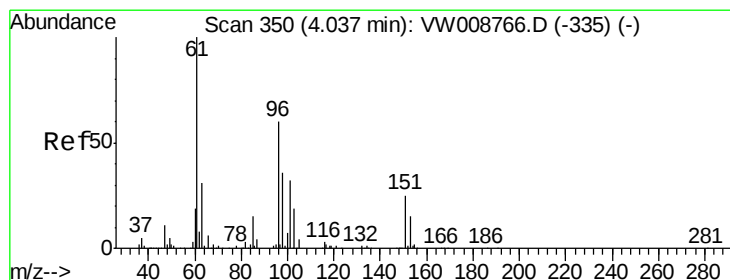
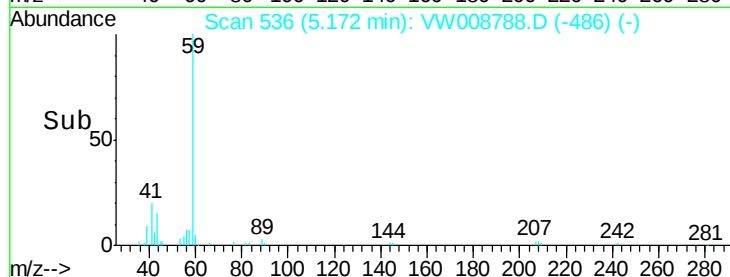
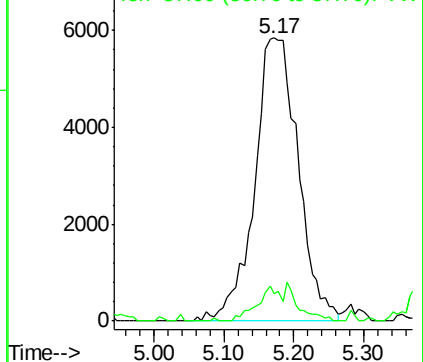
59 100

57 6.5 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 20.313 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

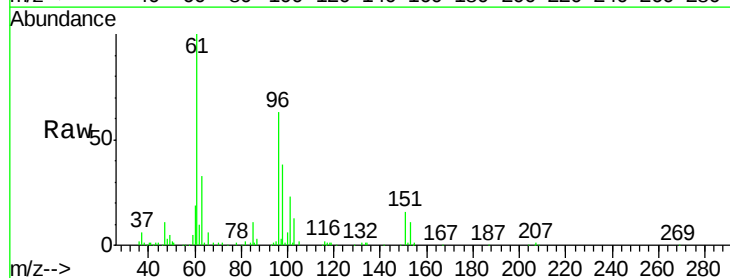
Tgt Ion: 96 Resp: 57085

Ion Ratio Lower Upper

96 100

61 159.5 132.5 198.7

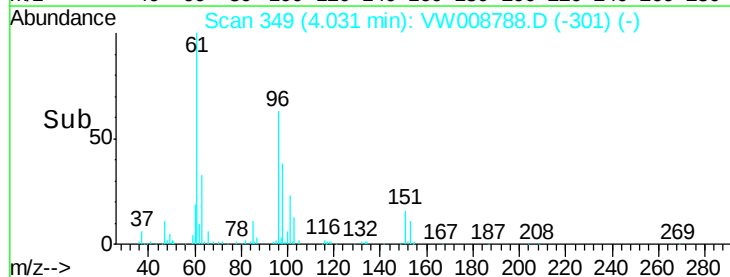
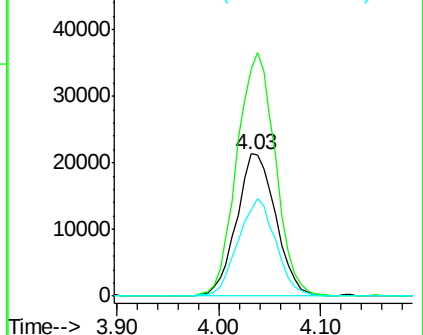
98 60.5 48.2 72.4

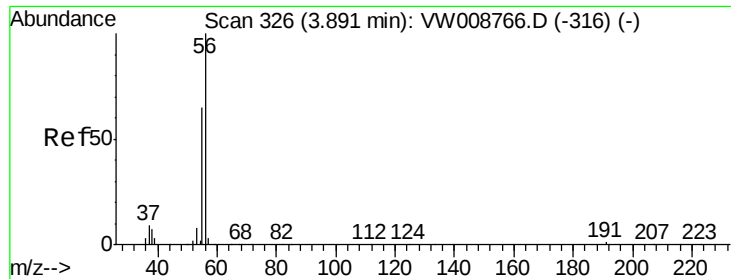


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 99.936 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW008788.D

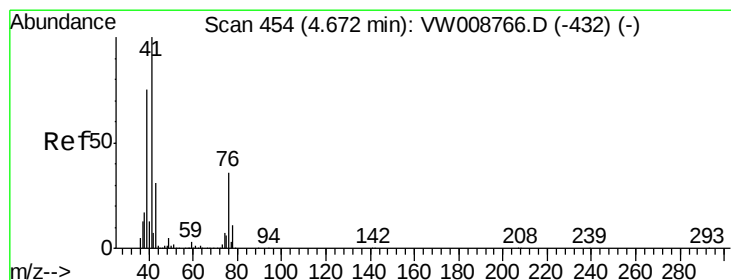
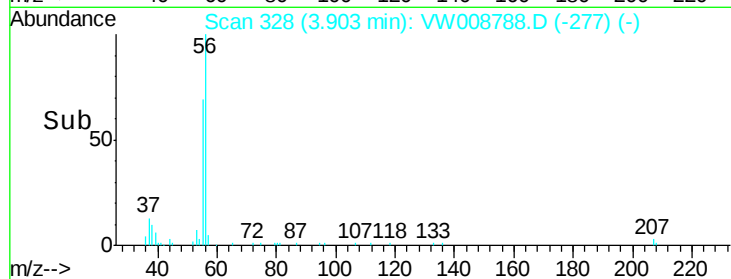
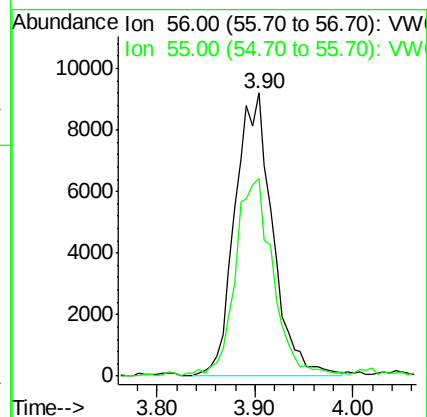
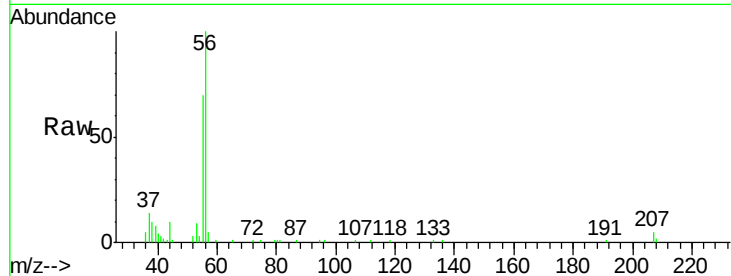
Acq: 22 Feb 2019 14:46

Tot Ion: 56 Resp: 24606

Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3



#14

Allyl chloride

Concen: 20.117 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

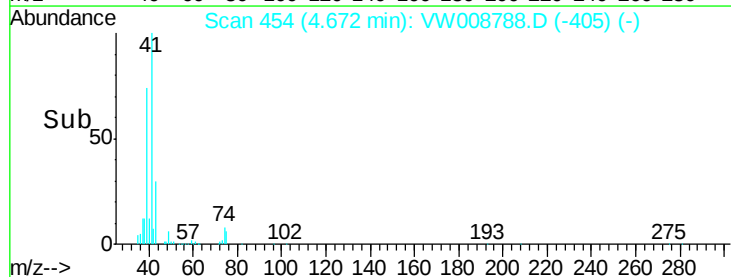
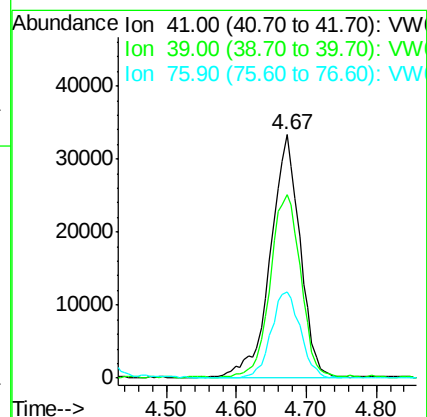
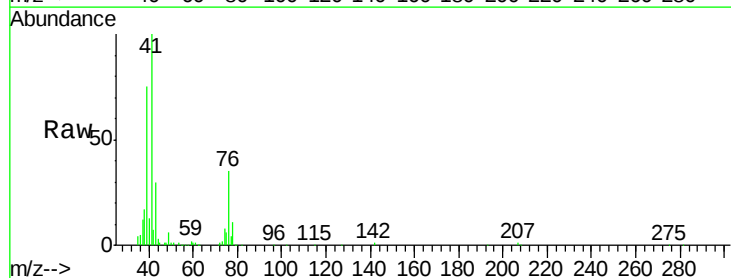
Tgt Ion: 41 Resp: 97573

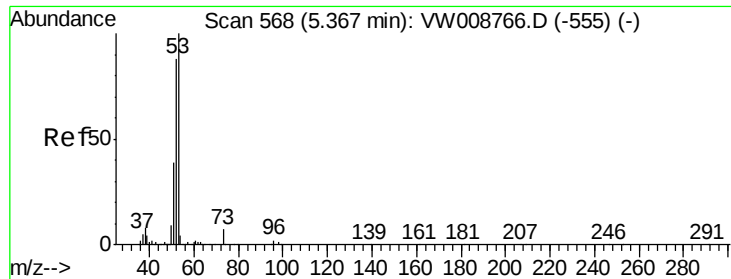
Ion Ratio Lower Upper

41 100

39 78.0 60.6 91.0

76 35.1 28.6 42.8





#15

Acrylonitrile

Concen: 101.596 ug/l

RT: 5.37 min Scan# 569

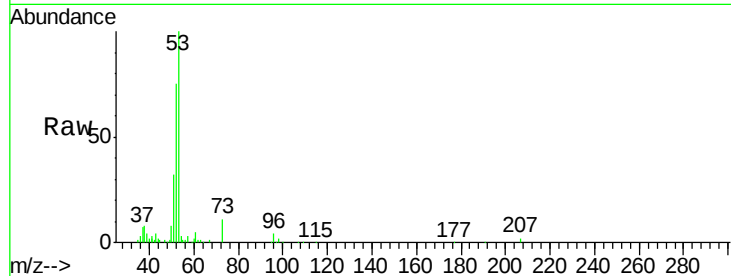
Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tot Ion: 53 Resp: 72335

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.0  | 67.2  | 100.8 |
| 51  | 39.3  | 31.1  | 46.7  |

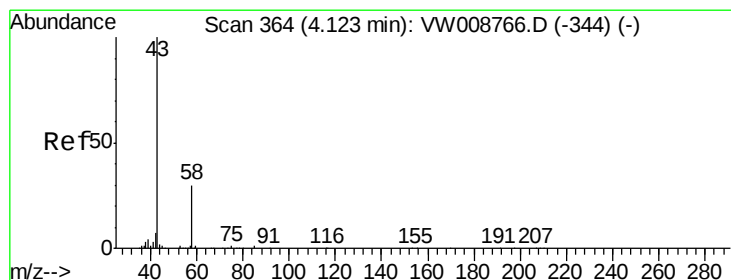
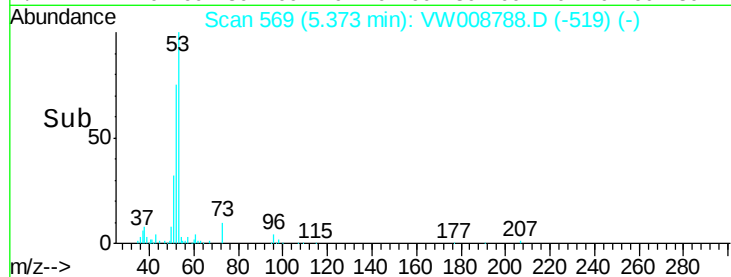
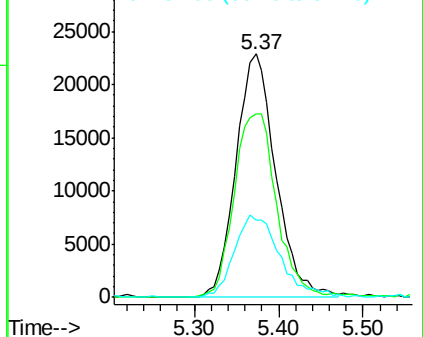


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 97.545 ug/l

RT: 4.12 min Scan# 364

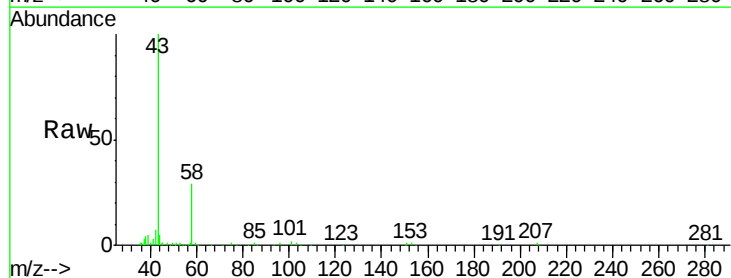
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion: 43 Resp: 68066

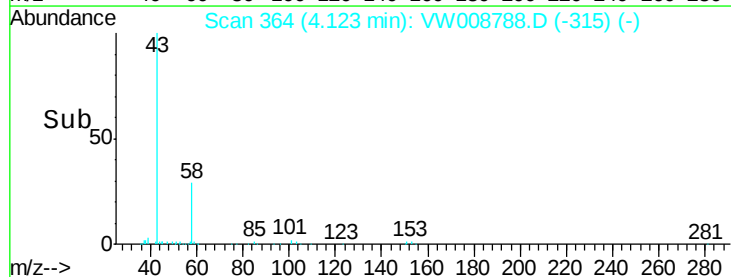
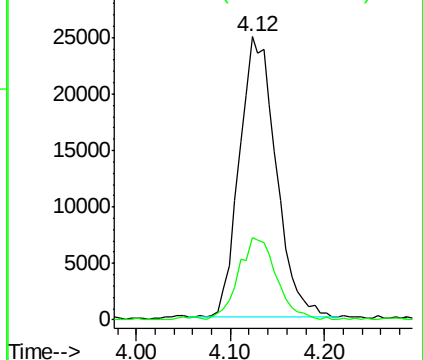
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.3  | 23.8  | 35.6  |

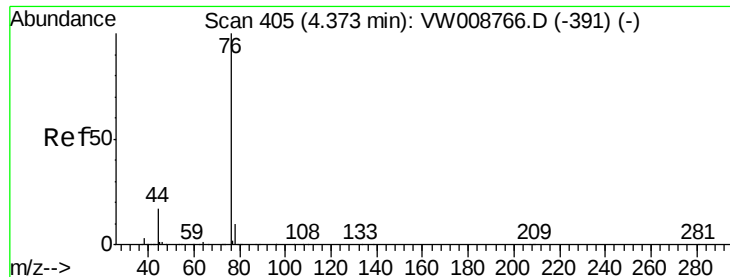


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 19.199 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008788.D

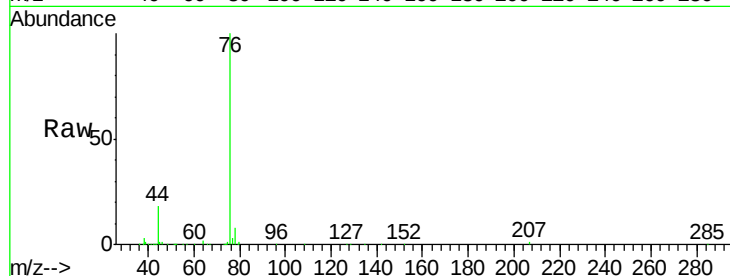
Acq: 22 Feb 2019 14:46

Tot Ion: 76 Resp: 179014

Ion Ratio Lower Upper

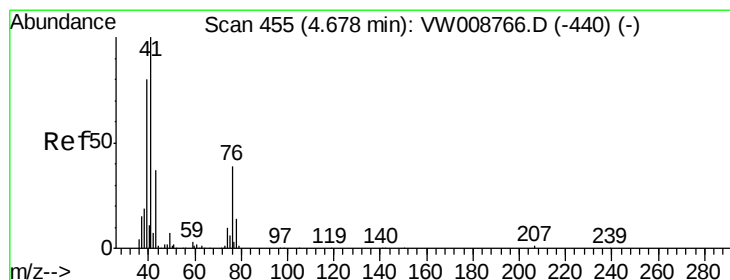
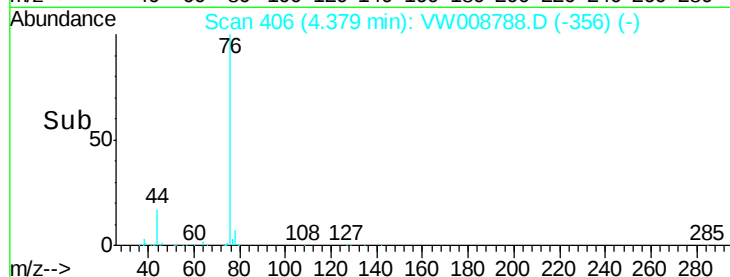
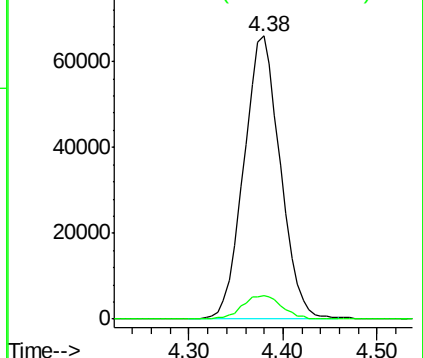
76 100

78 8.4 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.889 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW008788.D

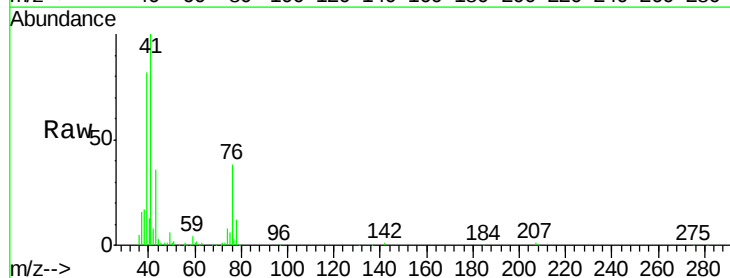
Acq: 22 Feb 2019 14:46

Tgt Ion: 43 Resp: 31263

Ion Ratio Lower Upper

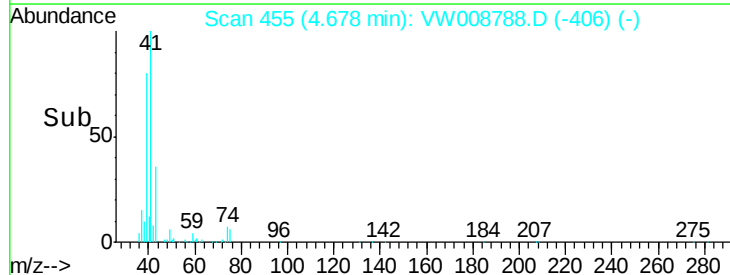
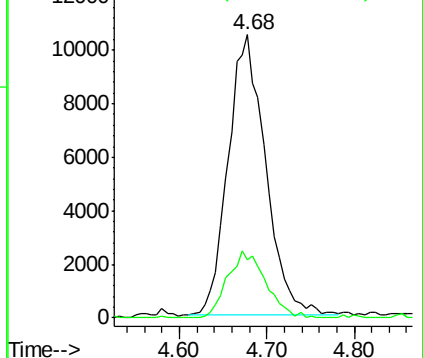
43 100

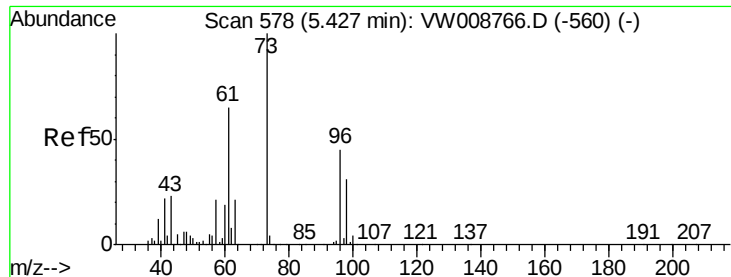
74 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

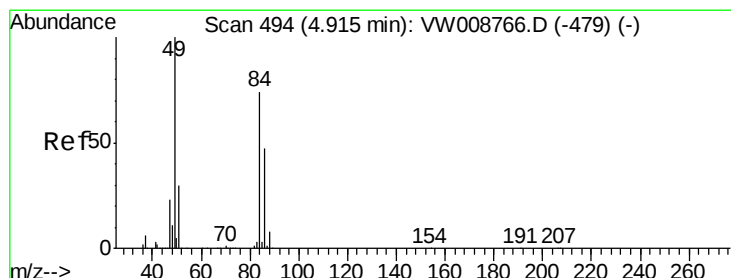
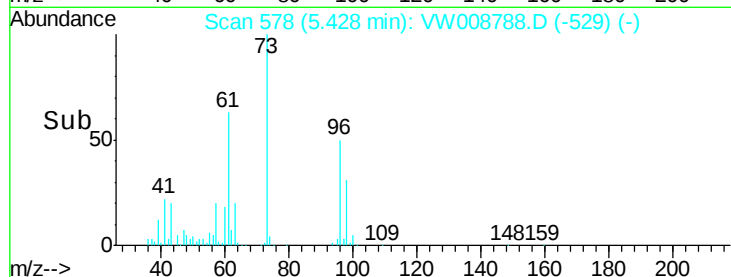
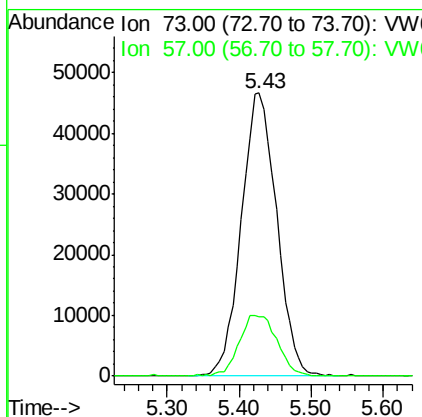
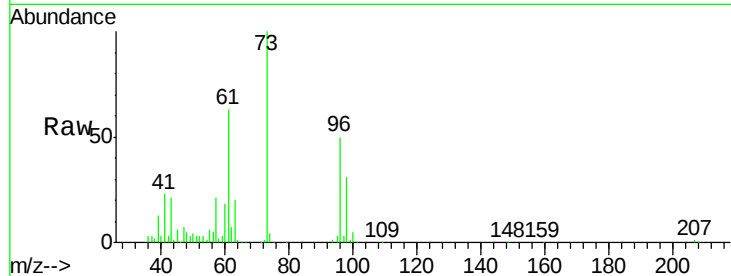
Ion 74.00 (73.70 to 74.70): VW





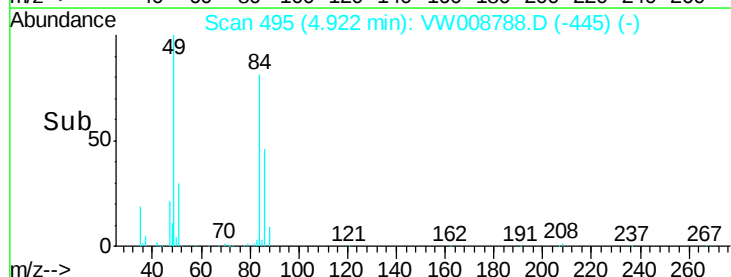
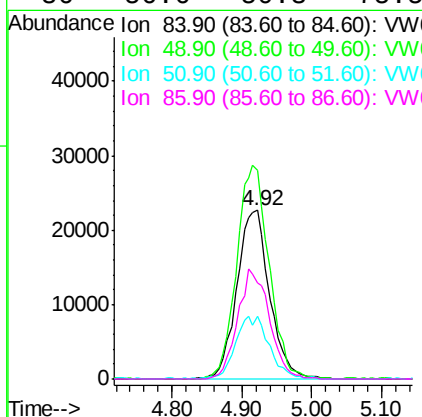
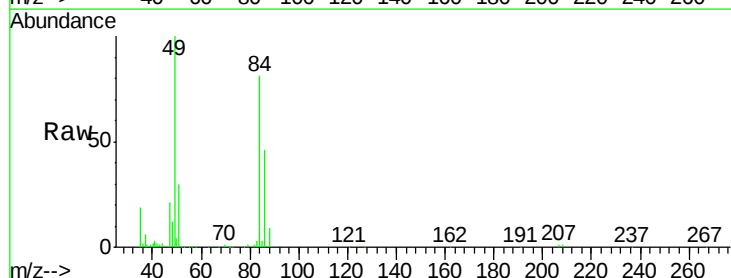
#19  
Methvl tert-butvl Ether  
Concen: 20.907 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

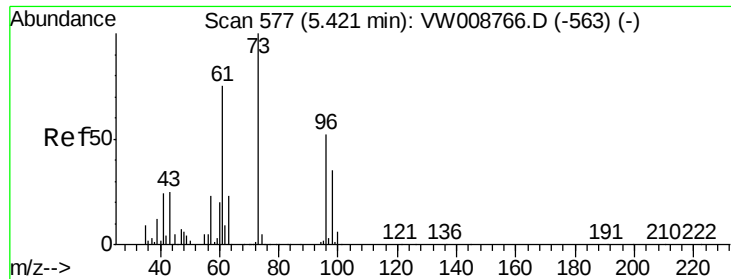
Tot Ion: 73 Resp: 159031  
Ion Ratio Lower Upper  
73 100  
57 20.8 16.8 25.2



#20  
Methylene Chloride  
Concen: 18.147 ug/l  
RT: 4.92 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tgt Ion: 84 Resp: 73567  
Ion Ratio Lower Upper  
84 100  
49 123.7 108.2 162.2  
51 37.2 32.7 49.1  
86 56.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 21.216 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

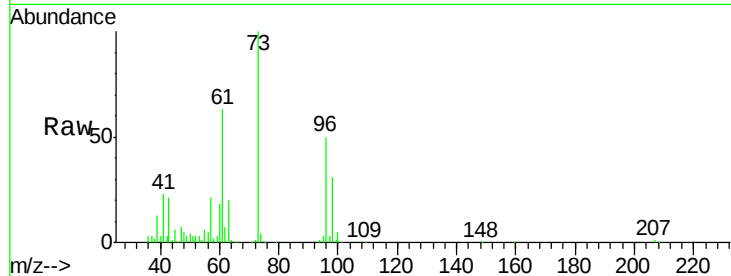
Tot Ion: 96 Resp: 68969

Ion Ratio Lower Upper

96 100

61 127.9 114.6 171.8

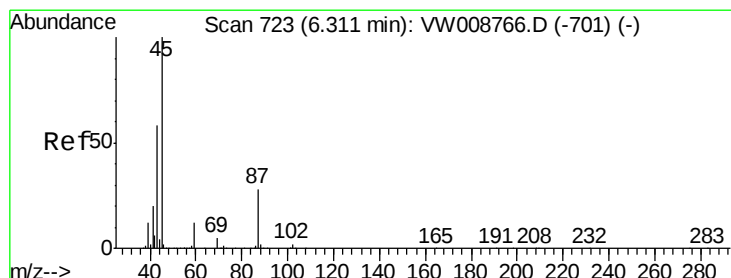
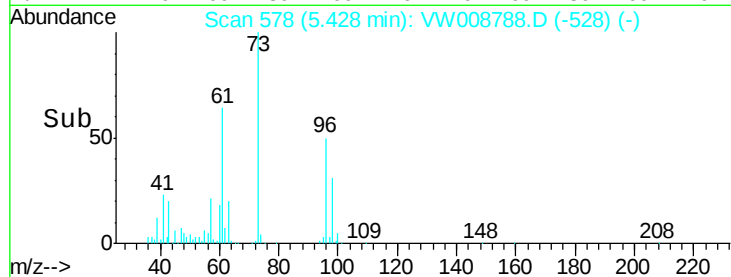
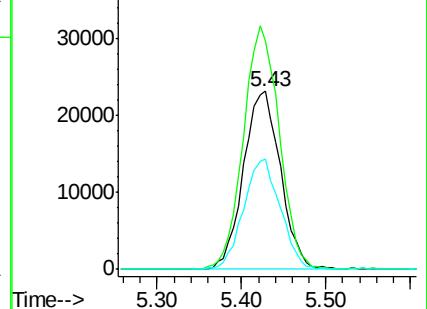
98 62.2 54.0 81.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.741 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion: 45 Resp: 200682

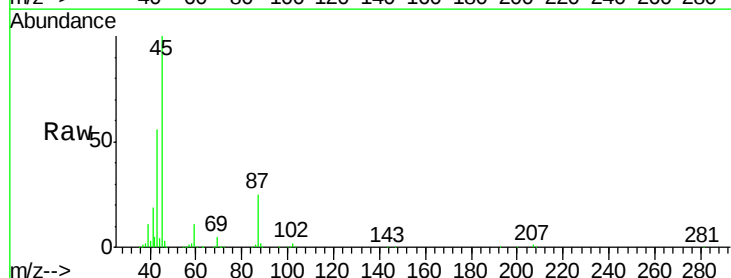
Ion Ratio Lower Upper

45 100

43 55.9 46.1 69.1

87 25.0 22.2 33.4

59 11.2 10.0 15.0

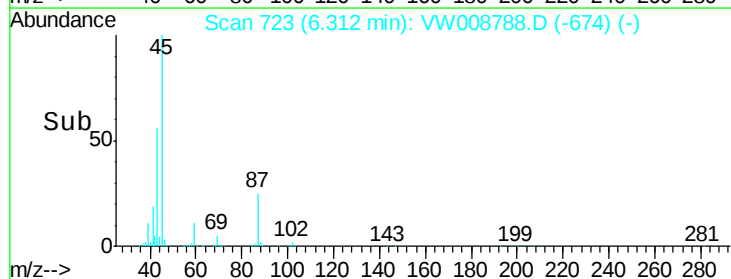
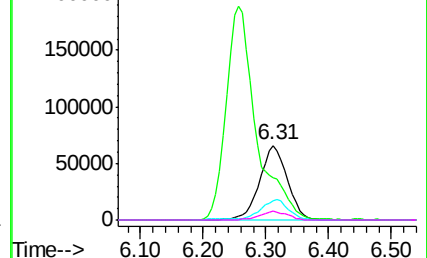


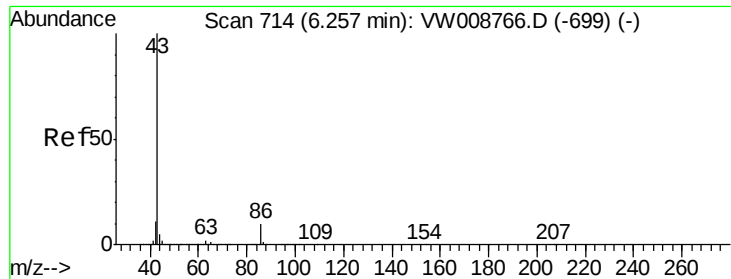
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 104.631 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008788.D

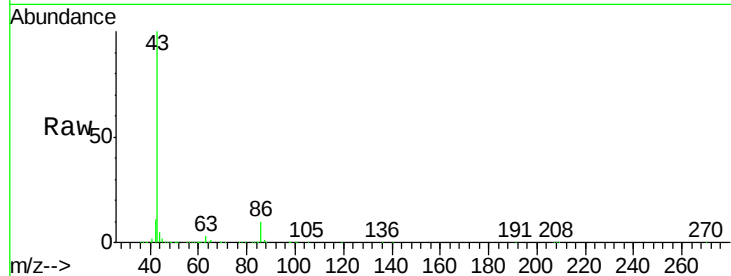
Acq: 22 Feb 2019 14:46

Tot Ion: 43 Resp: 625494

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

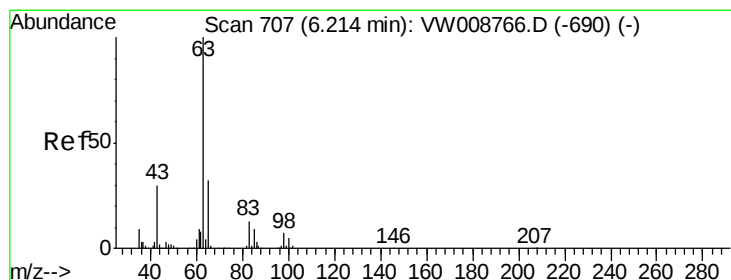
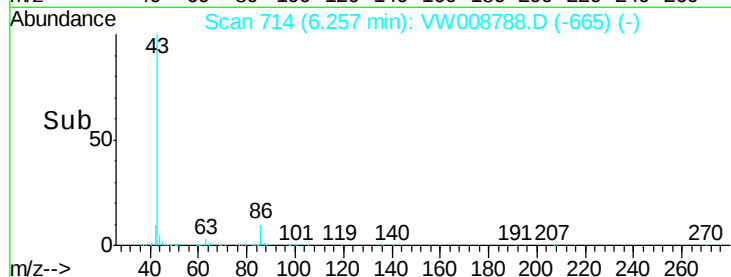
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.403 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

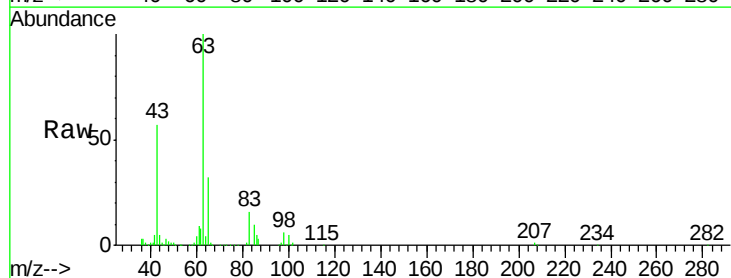
Tgt Ion: 63 Resp: 114393

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.6

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

50000

40000

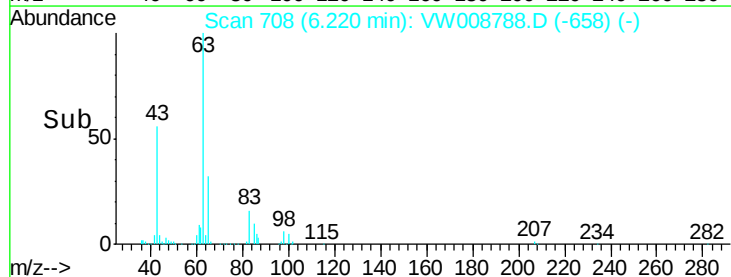
30000

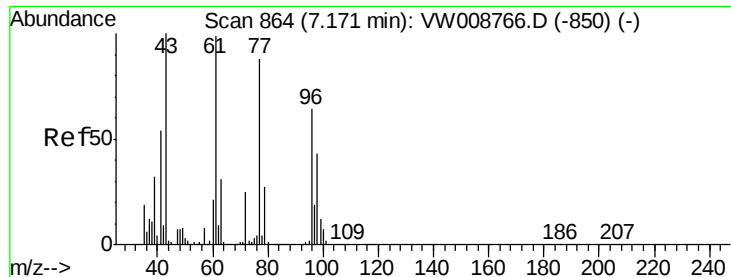
20000

10000

0

Time-->





#25

2-Butanone

Concen: 102.319 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008788.D

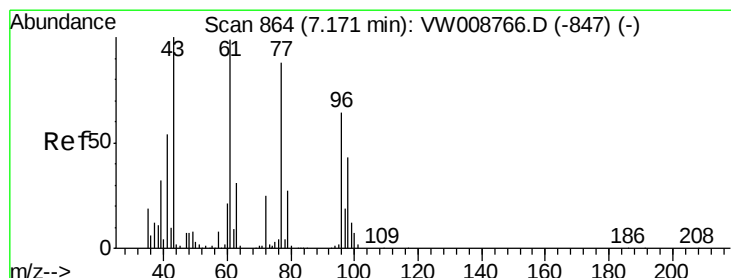
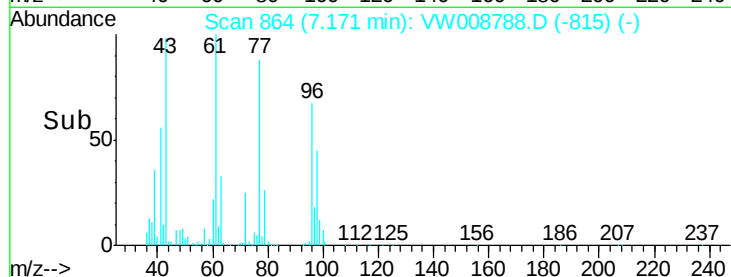
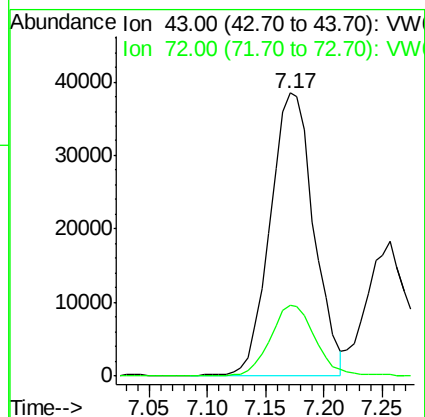
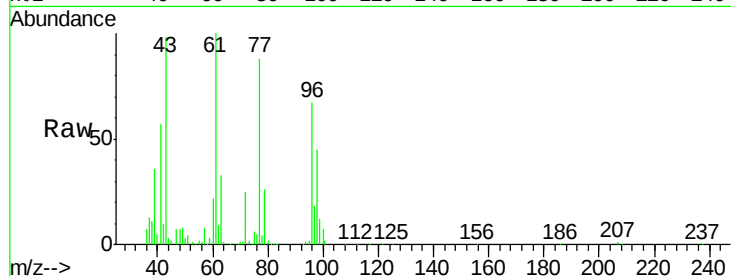
Acq: 22 Feb 2019 14:46

Tot Ion: 43 Resp: 99818

Ion Ratio Lower Upper

43 100

72 25.3 19.7 29.5



#26

2,2-Dichloropropane

Concen: 20.408 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008788.D

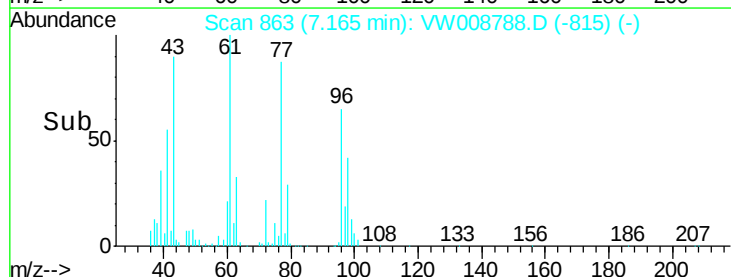
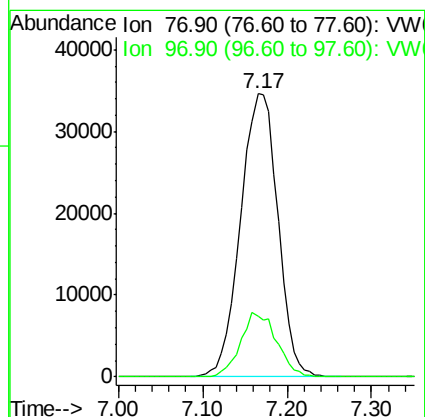
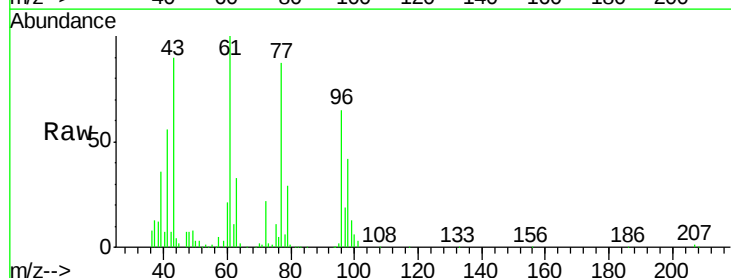
Acq: 22 Feb 2019 14:46

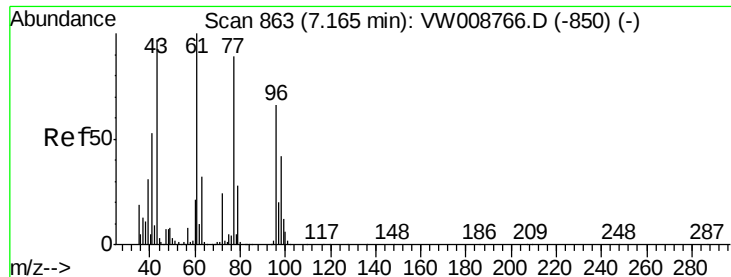
Tgt Ion: 77 Resp: 103884

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0

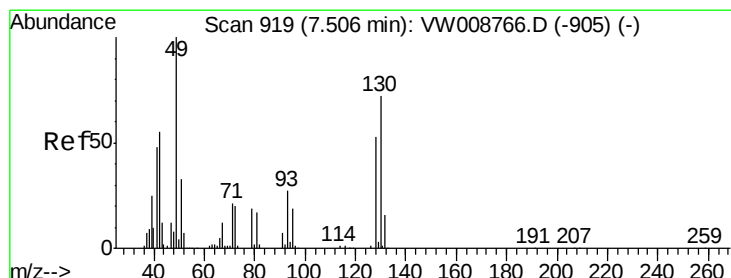
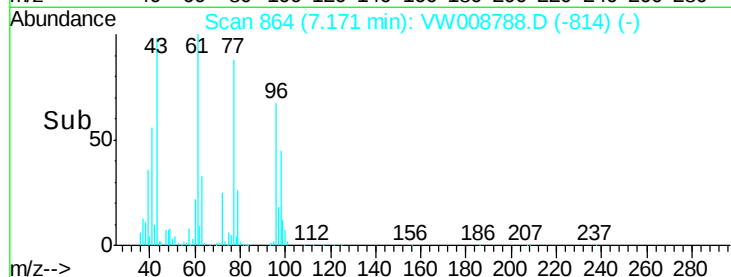
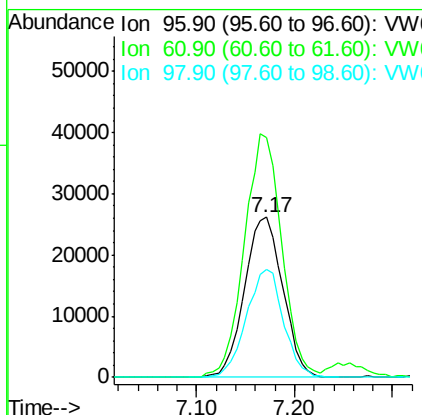
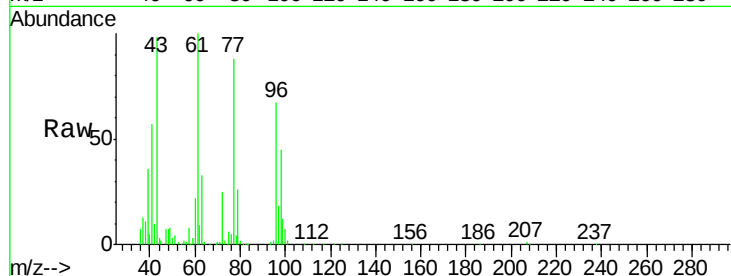




#27

cis-1,2-Dichloroethene  
Concen: 20.455 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

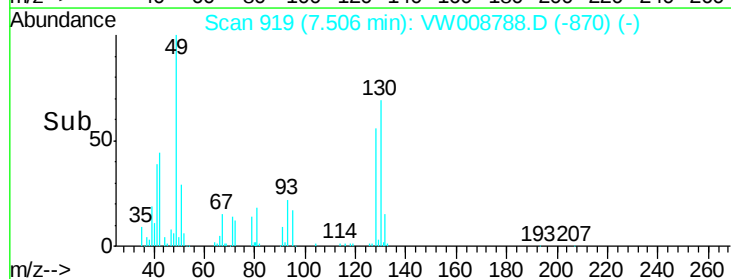
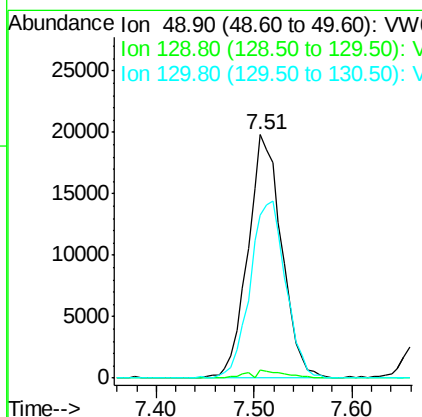
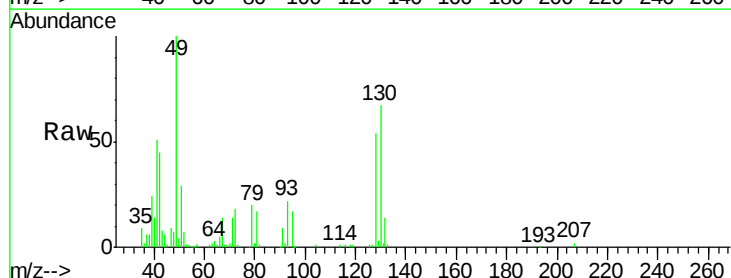
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 148.6 | 0.0   | 302.6 |
| 98      | 65.2  | 0.0   | 130.0 |

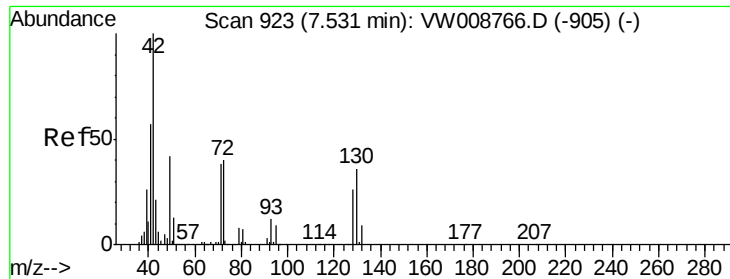


#28

Bromochloromethane  
Concen: 20.267 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 2.6   |
| 130     | 76.2  | 61.3  | 91.9  |





#29

Tetrahydrofuran

Concen: 101.461 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

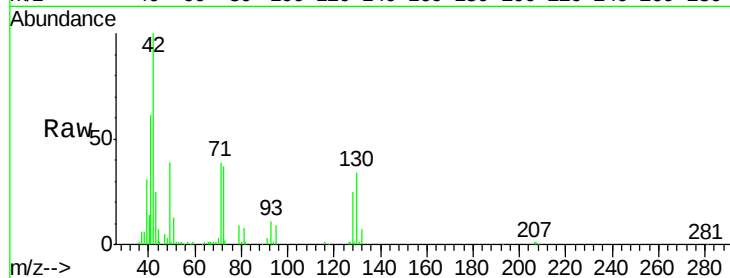
Tot Ion: 42 Resp: 63078

Ion Ratio Lower Upper

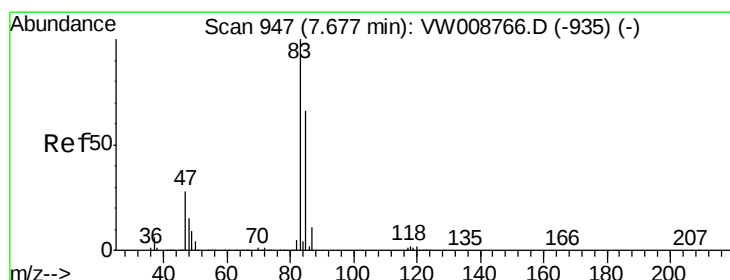
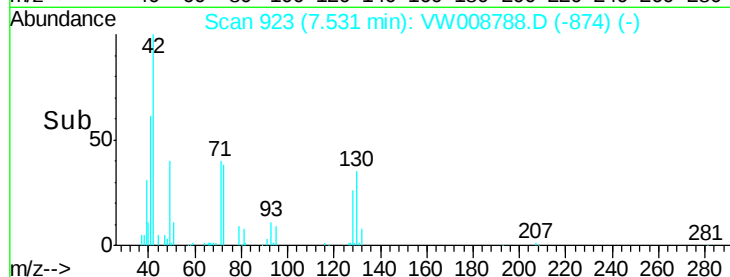
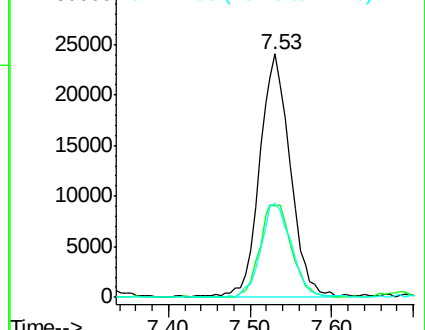
42 100

72 39.7 32.7 49.1

71 38.4 31.3 46.9



Abundance Ion 42.00 (41.70 to 42.70): VW  
Ion 72.00 (71.70 to 72.70): VW  
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 20.578 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008788.D

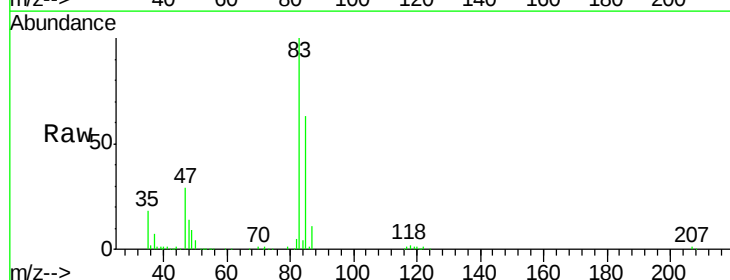
Acq: 22 Feb 2019 14:46

Tgt Ion: 83 Resp: 118361

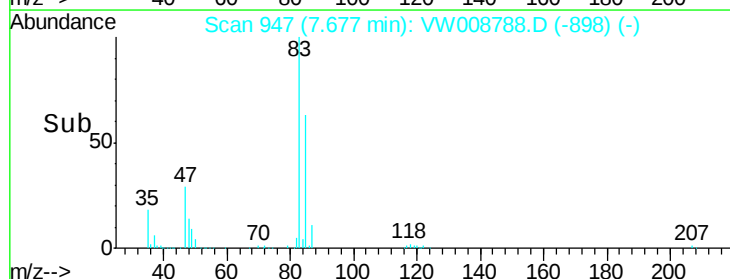
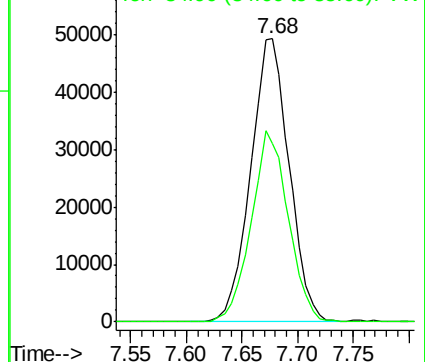
Ion Ratio Lower Upper

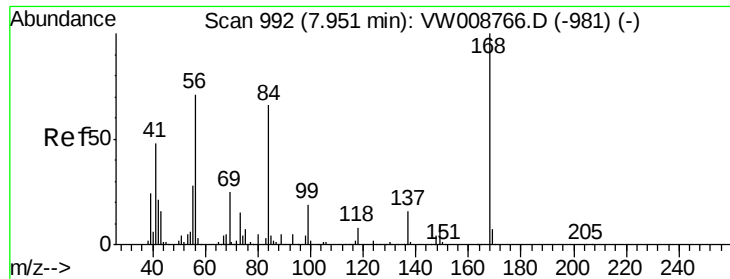
83 100

85 63.2 52.6 79.0



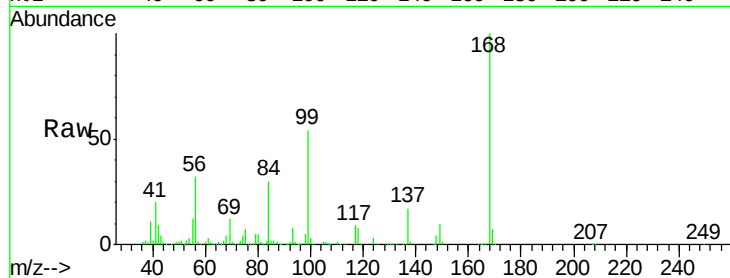
Abundance Ion 82.90 (82.60 to 83.60): VW  
Ion 84.90 (84.60 to 85.60): VW



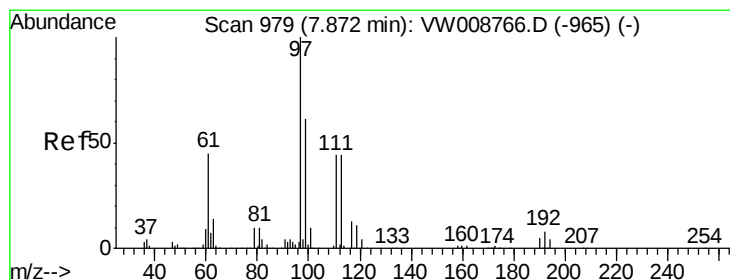
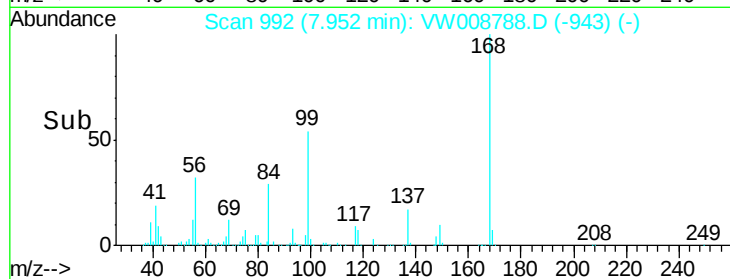
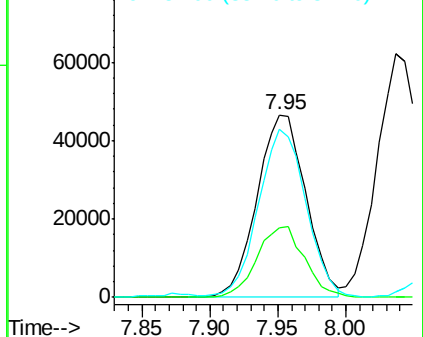


#31  
Cyclohexane  
Concen: 20.538 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tot Ion: 56 Resp: 116560  
Ion Ratio Lower Upper  
56 100  
69 38.1 28.2 42.4  
84 90.8 74.1 111.1

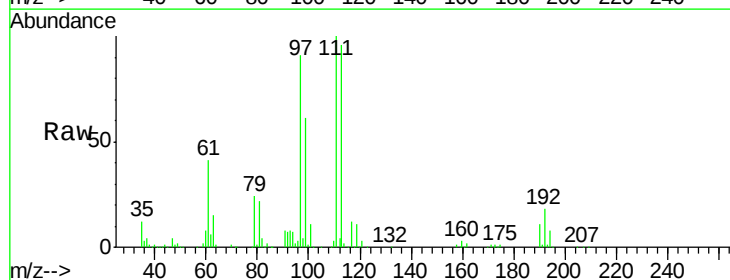


Abundance Ion 56.00 (55.70 to 56.70): VW  
Ion 69.00 (68.70 to 69.70): VW  
Ion 84.00 (83.70 to 84.70): VW

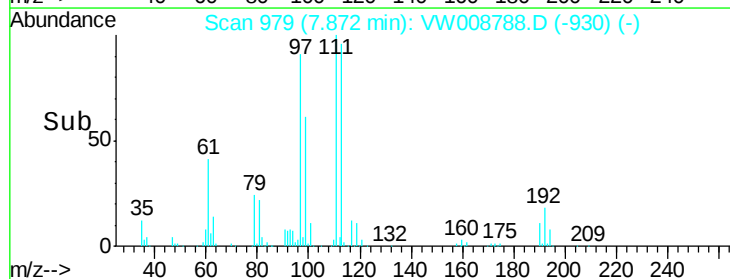
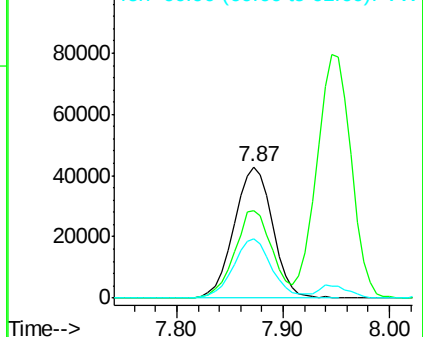


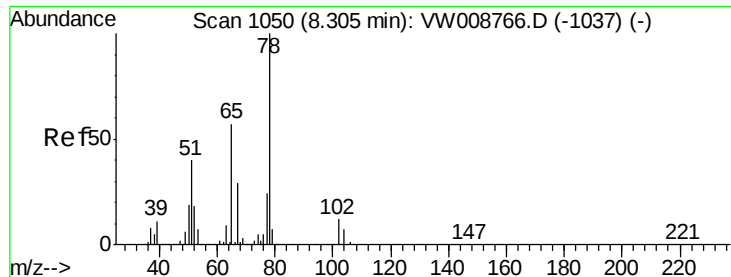
#32  
1,1,1-Trichloroethane  
Concen: 20.725 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tgt Ion: 97 Resp: 108406  
Ion Ratio Lower Upper  
97 100  
99 65.7 50.8 76.2  
61 44.6 36.0 54.0



Abundance Ion 96.90 (96.60 to 97.60): VW  
Ion 98.90 (98.60 to 99.60): VW  
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 50.956 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008788.D

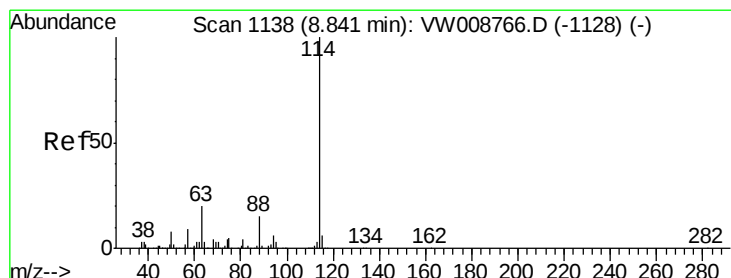
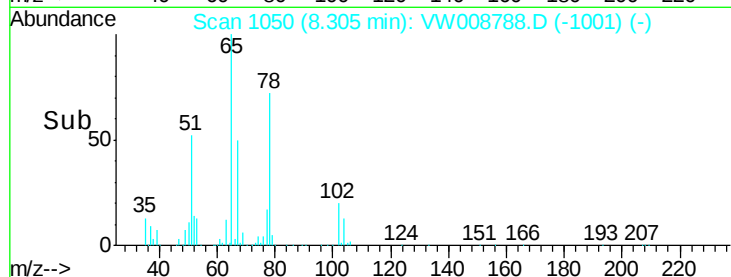
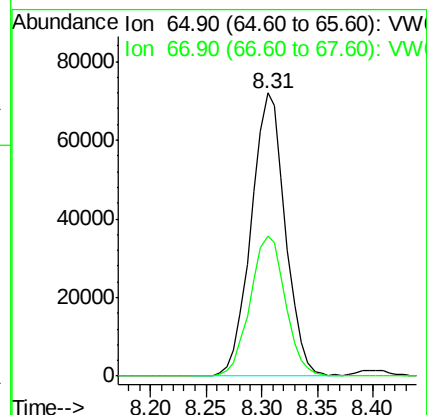
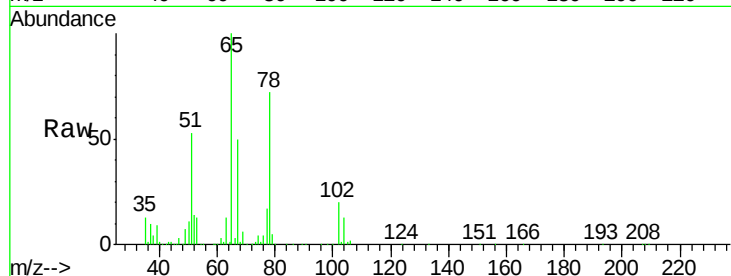
Acq: 22 Feb 2019 14:46

Tot Ion: 65 Resp: 153400

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

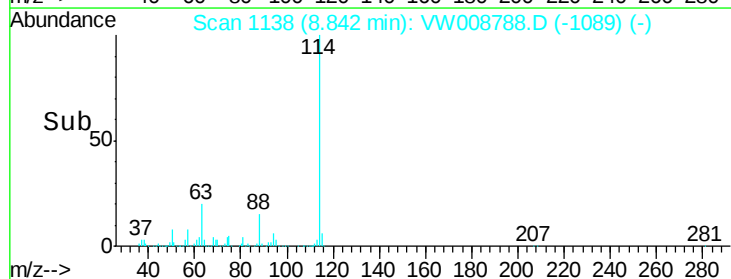
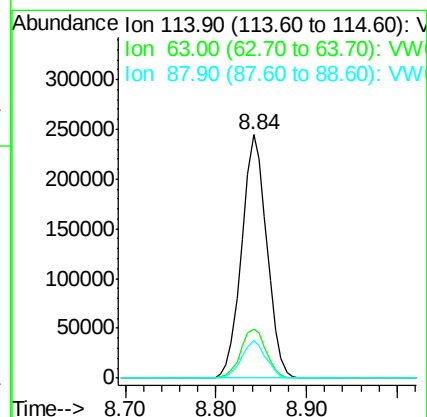
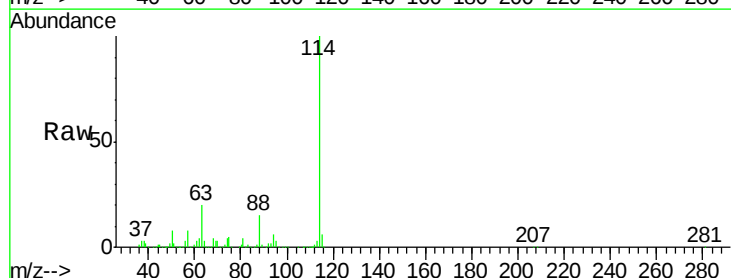
Tgt Ion: 114 Resp: 468652

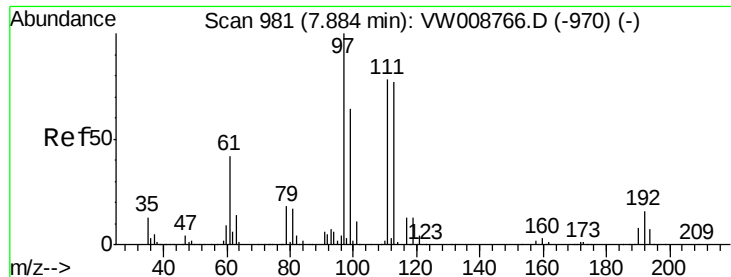
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.227 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

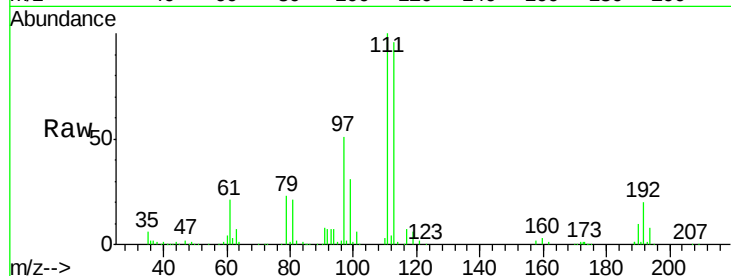
Tot Ion:113 Resp: 141332

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

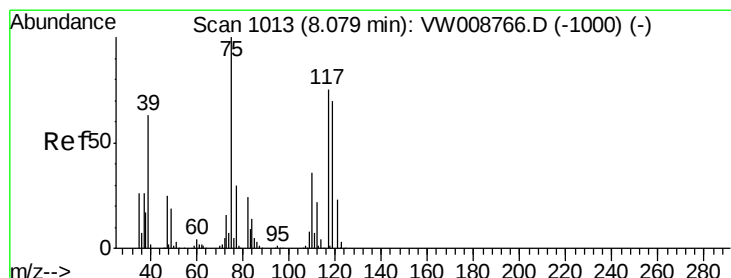
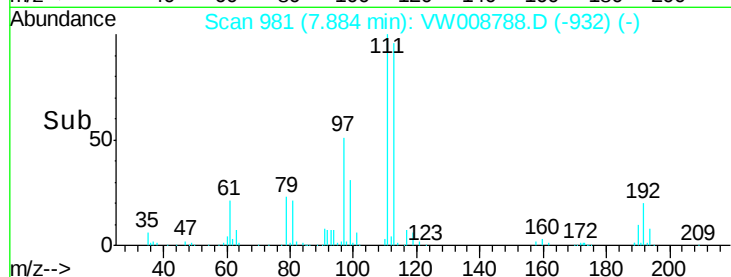
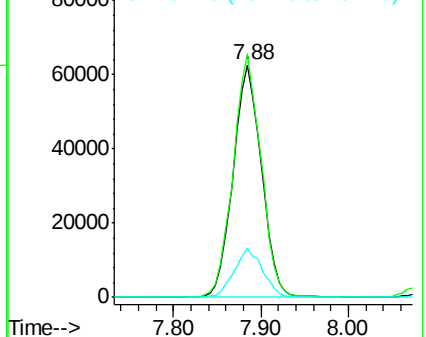
192 21.2 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.807 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

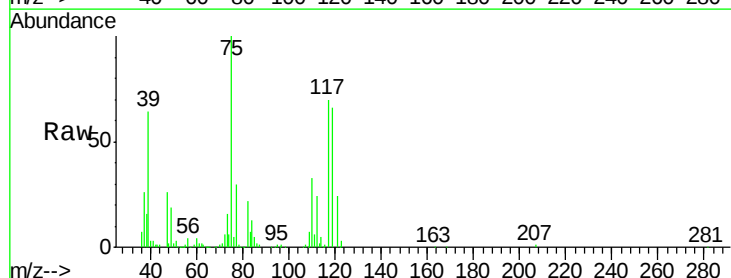
Tgt Ion: 75 Resp: 94924

Ion Ratio Lower Upper

75 100

110 36.4 17.5 52.6

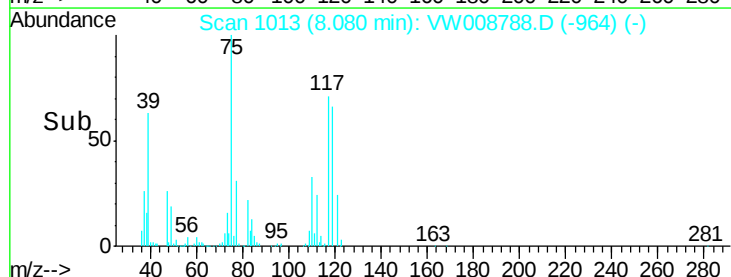
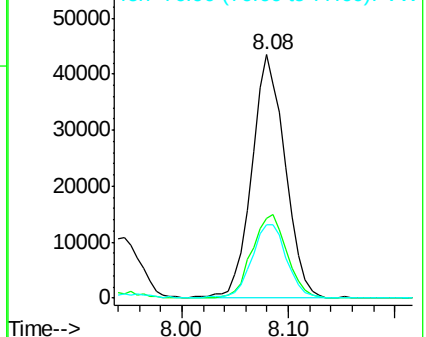
77 32.1 24.5 36.7

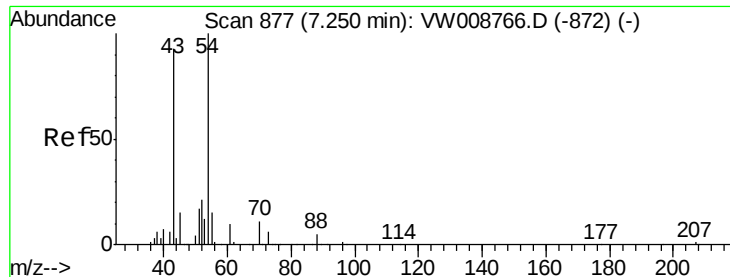


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 21.960 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

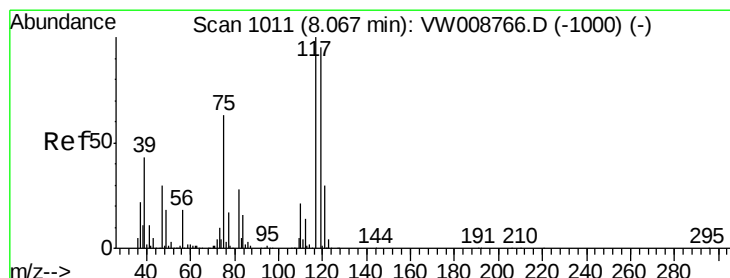
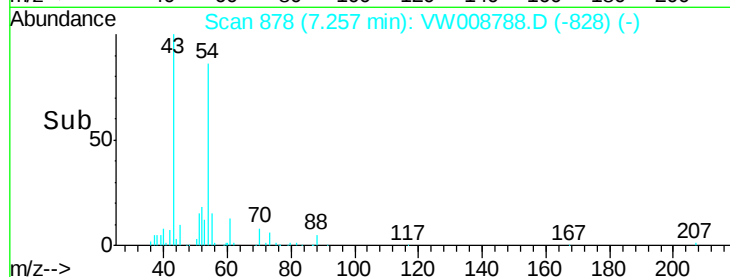
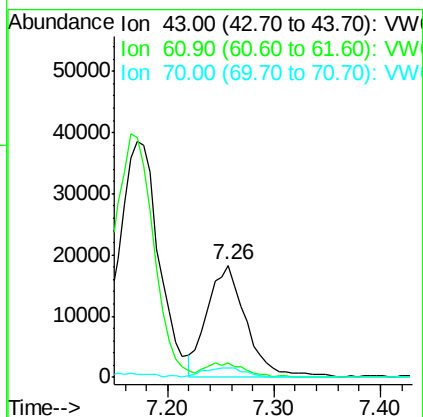
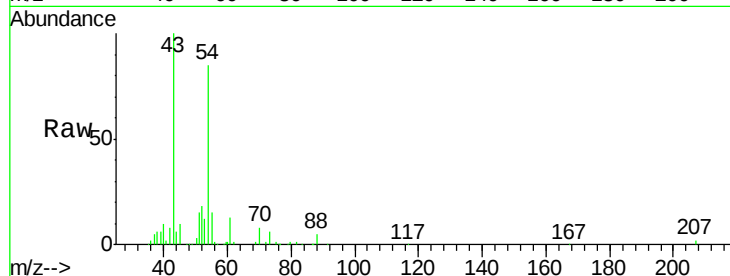
Tot Ion: 43 Resp: 46586

Ion Ratio Lower Upper

43 100

61 13.2 9.8 14.8

70 9.8 8.4 12.6



#38

Carbon Tetrachloride

Concen: 20.530 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

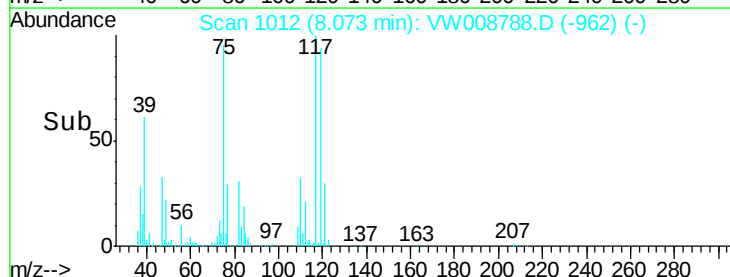
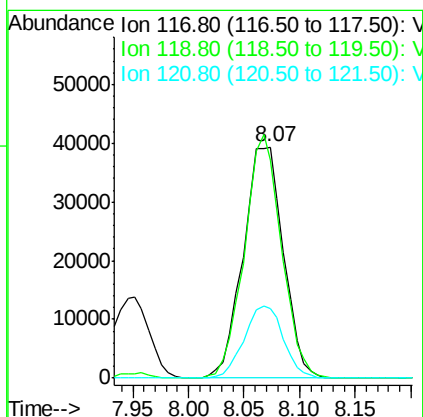
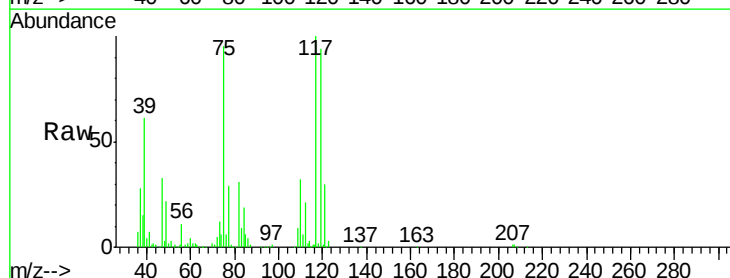
Tgt Ion: 117 Resp: 98774

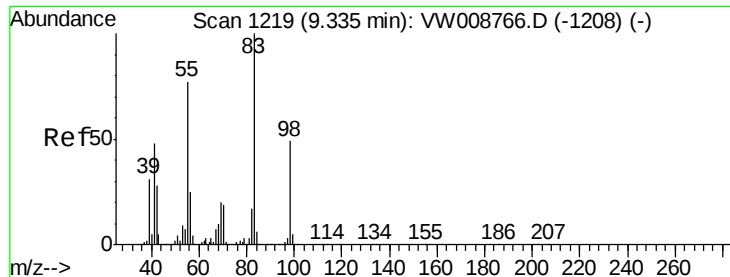
Ion Ratio Lower Upper

117 100

119 94.7 76.1 114.1

121 30.4 24.0 36.0





#39

Methvlcvclohexane

Concen: 19.816 ug/l

RT: 9.34 min Scan# 1219

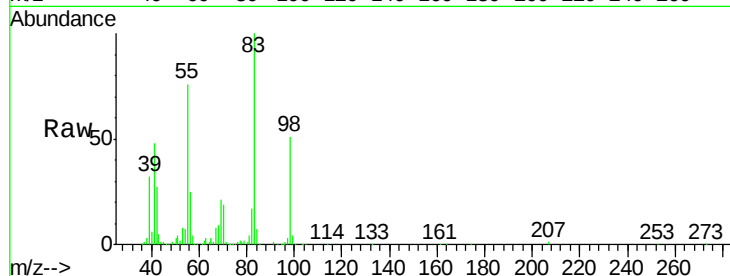
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tot Ion: 83 Resp: 112761

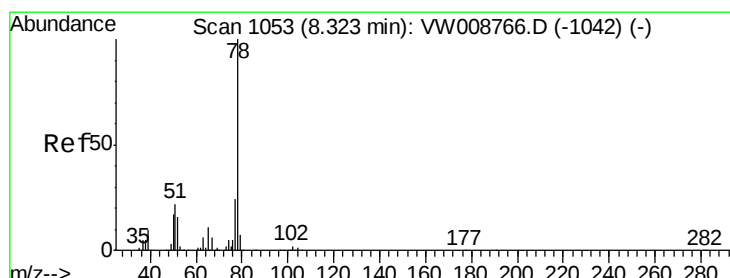
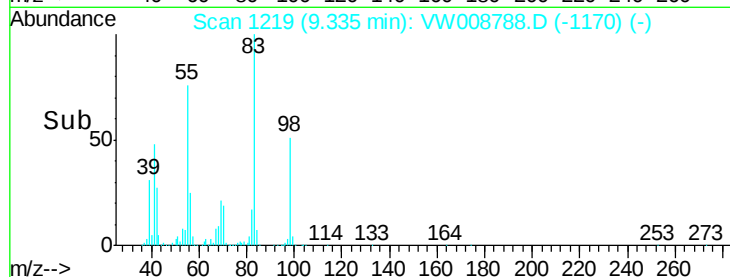
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 75.6  | 61.2  | 91.8  |
| 98  | 50.8  | 39.4  | 59.2  |



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 20.773 ug/l

RT: 8.32 min Scan# 1053

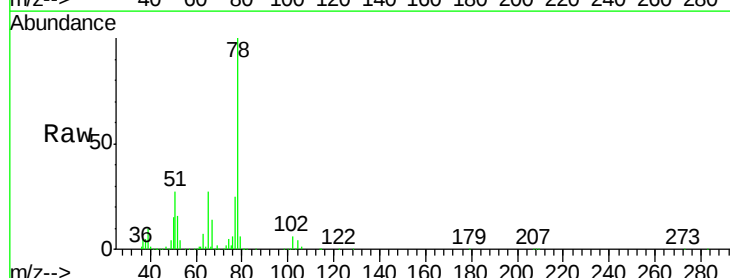
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

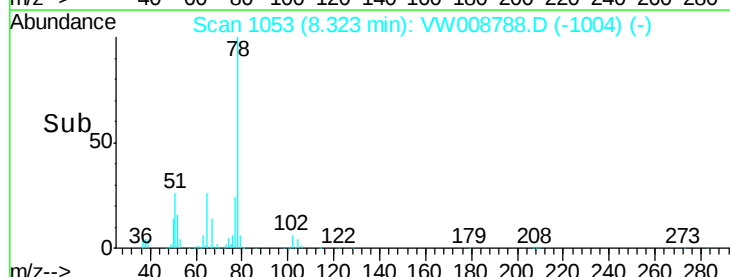
Tgt Ion: 78 Resp: 258746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.6  | 19.3  | 28.9  |



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 19.561 ug/l

RT: 7.49 min Scan# 916

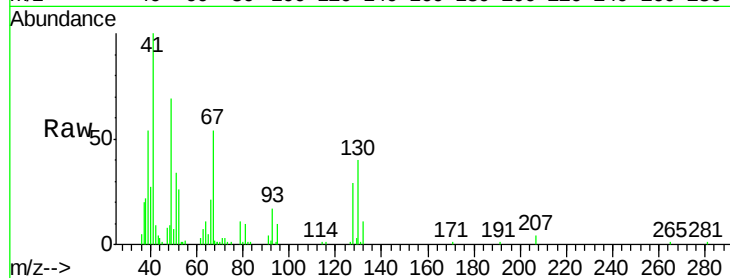
Delta R.T. -0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tot Ion: 41 Resp: 24392

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 61.6  | 52.5  | 78.7  |
| 67  | 68.1  | 55.0  | 82.6  |
| 52  | 34.3  | 26.9  | 40.3  |

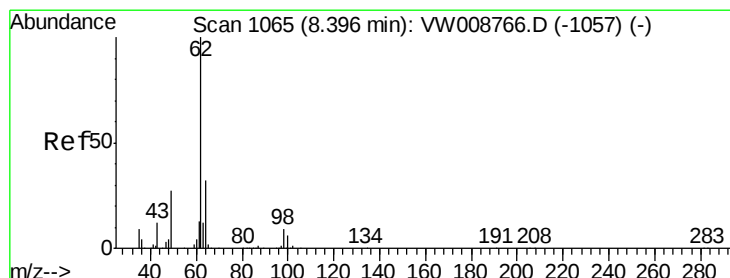
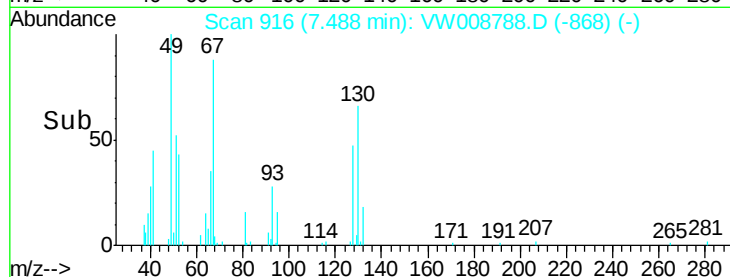


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.531 ug/l

RT: 8.40 min Scan# 1066

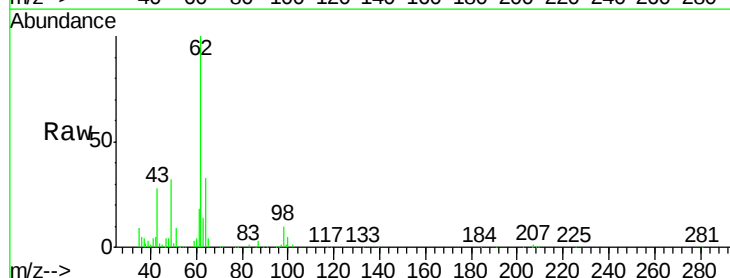
Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

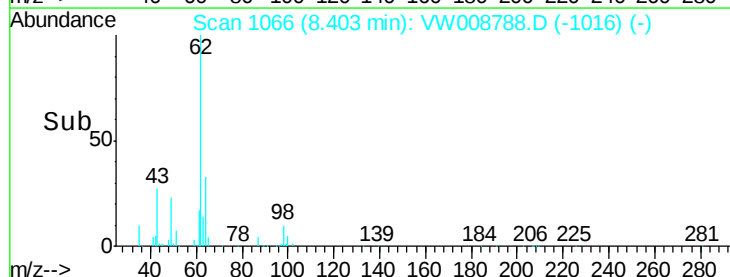
Tgt Ion: 62 Resp: 81008

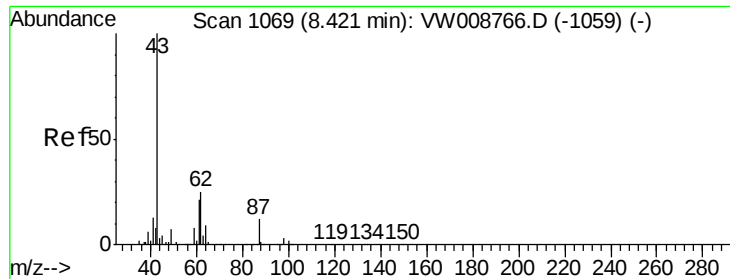
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.0   | 0.0   | 18.2  |



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.792 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

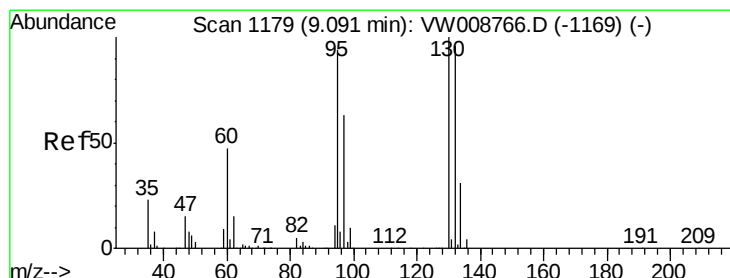
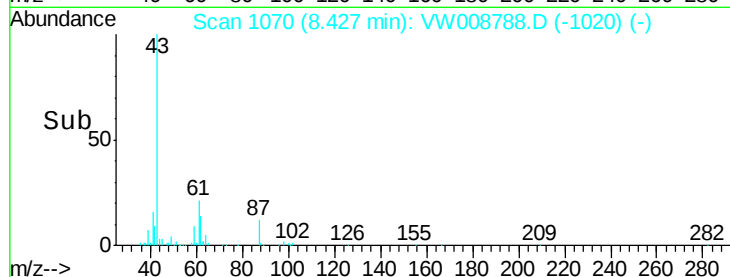
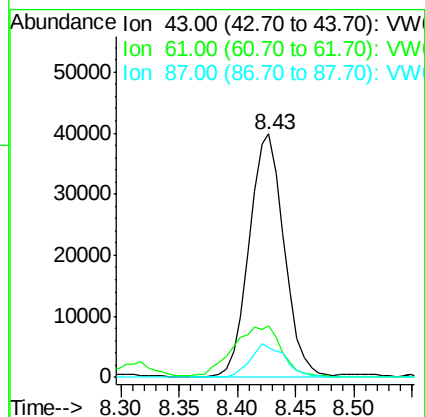
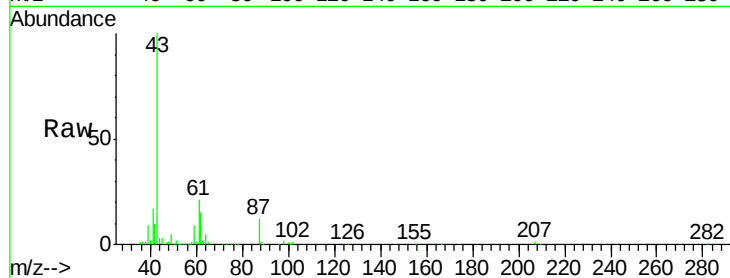
Tot Ion: 43 Resp: 83798

Ion Ratio Lower Upper

43 100

61 29.5 23.2 34.8

87 13.6 9.9 14.9



#44

Trichloroethene

Concen: 21.094 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008788.D

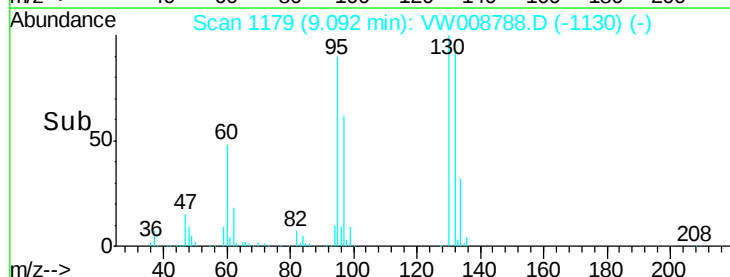
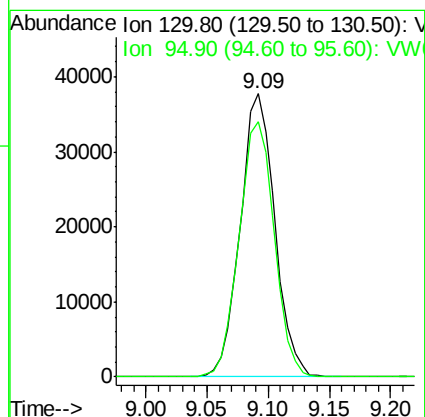
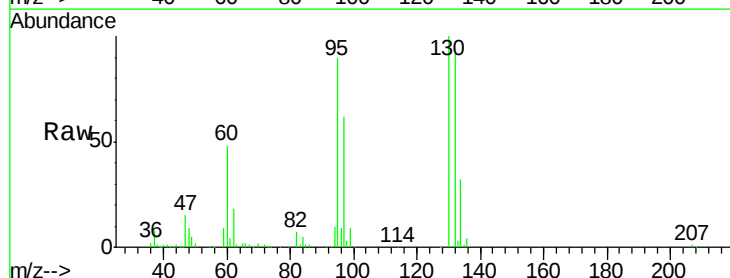
Acq: 22 Feb 2019 14:46

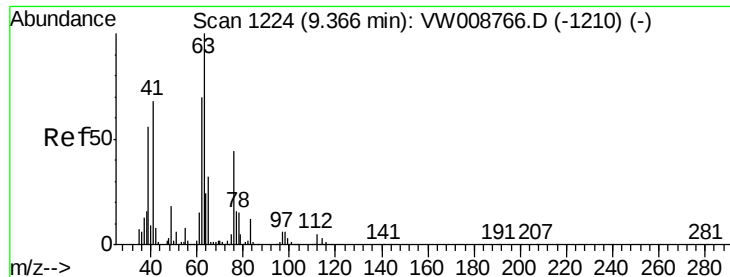
Tgt Ion: 130 Resp: 74015

Ion Ratio Lower Upper

130 100

95 90.3 0.0 188.6





#45

1,2-Dichloropropane

Concen: 20.907 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008788.D

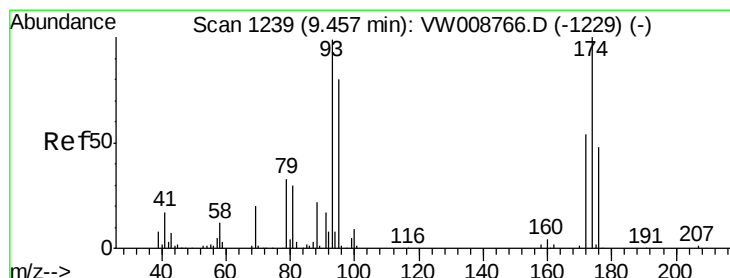
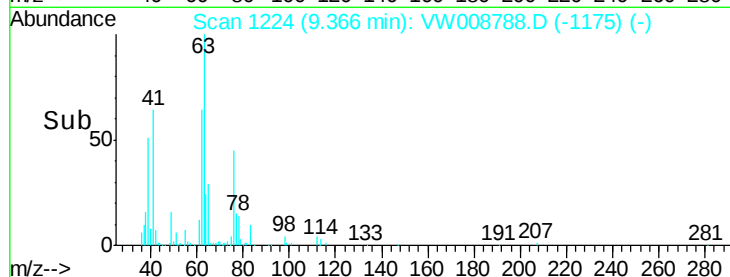
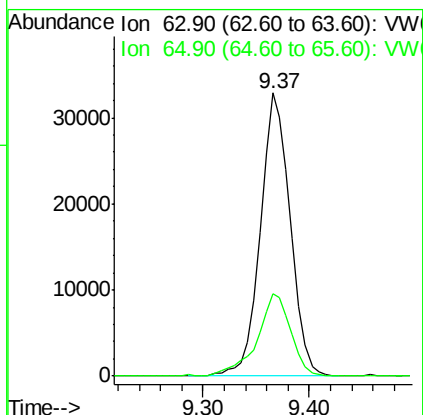
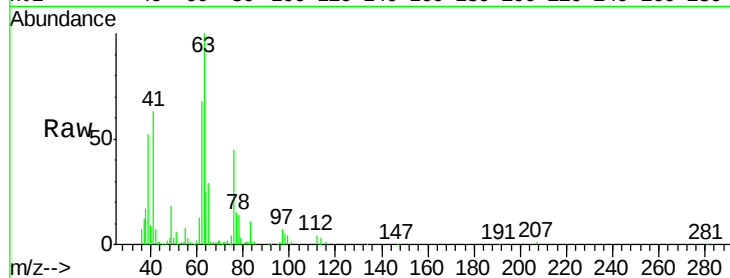
Acq: 22 Feb 2019 14:46

Tot Ion: 63 Resp: 64351

Ion Ratio Lower Upper

63 100

65 29.2 25.5 38.3



#46

Dibromomethane

Concen: 20.095 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

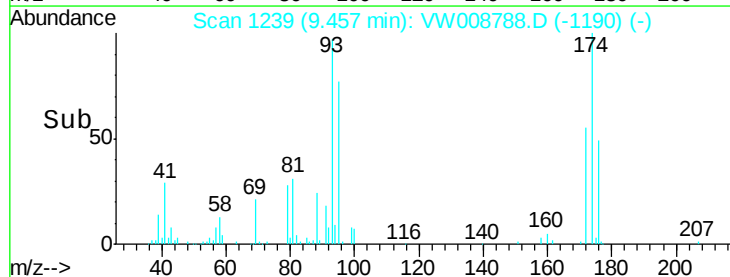
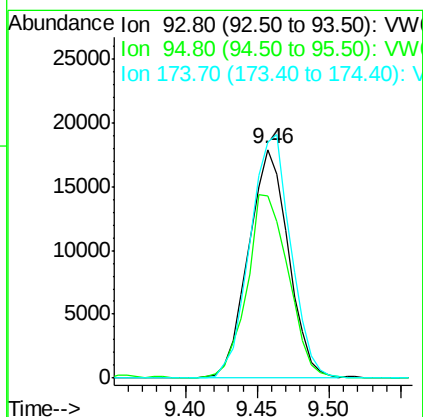
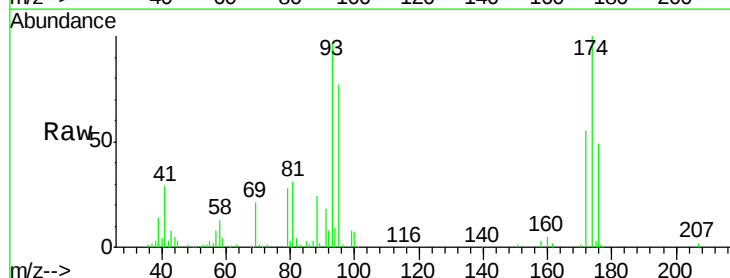
Tgt Ion: 93 Resp: 34405

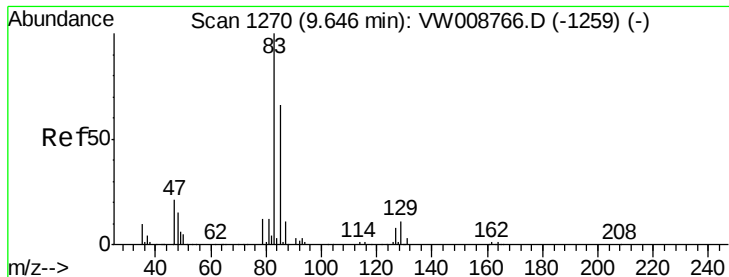
Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

174 108.7 86.7 130.1





#47

Bromodichloromethane

Concen: 20.585 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

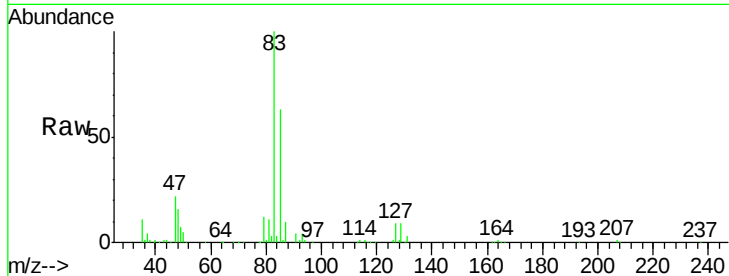
Tot Ion: 83 Resp: 85747

Ion Ratio Lower Upper

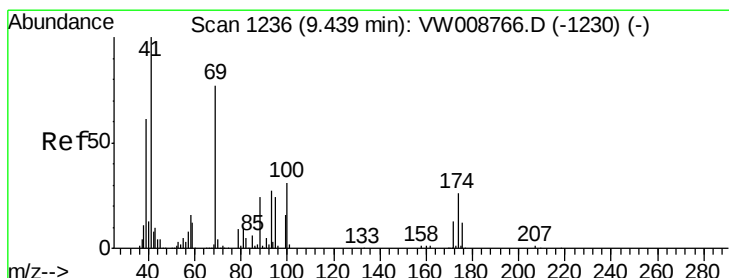
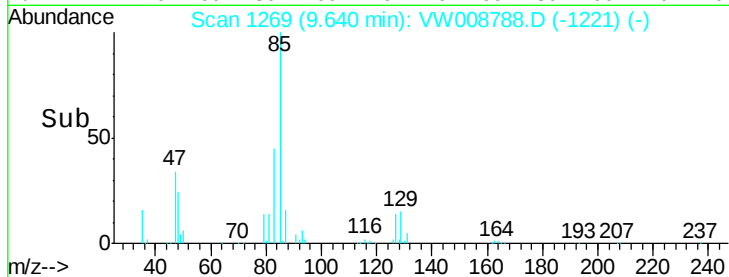
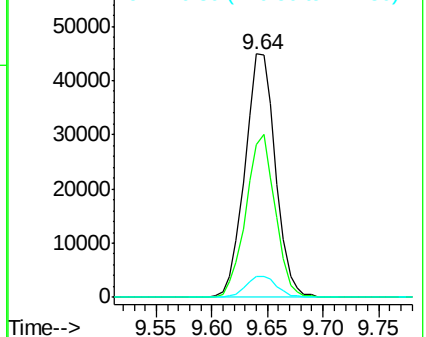
83 100

85 62.5 52.5 78.7

127 8.5 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW  
Ion 84.90 (84.60 to 85.60): VW  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.605 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

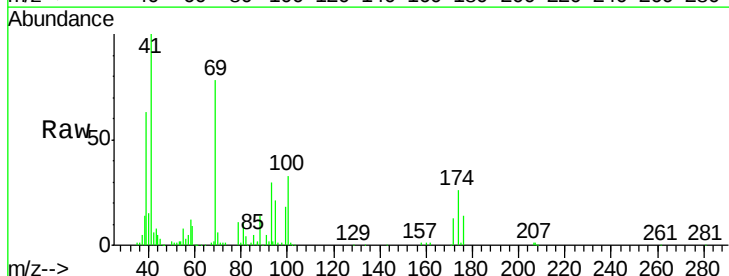
Tgt Ion: 41 Resp: 37727

Ion Ratio Lower Upper

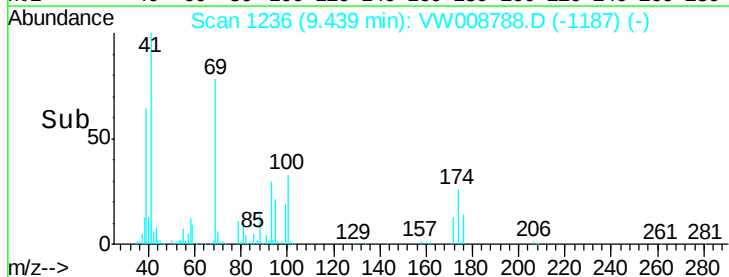
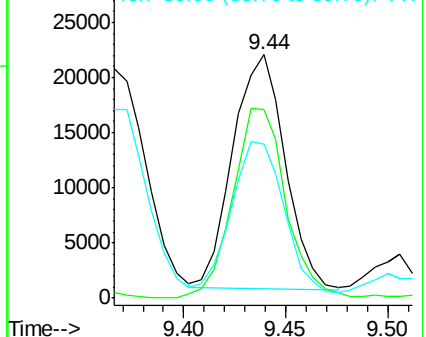
41 100

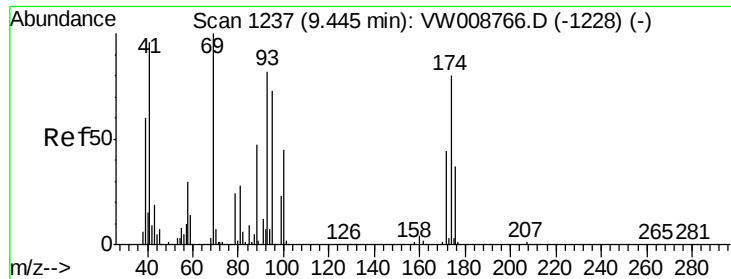
69 82.6 63.6 95.4

39 64.4 52.1 78.1



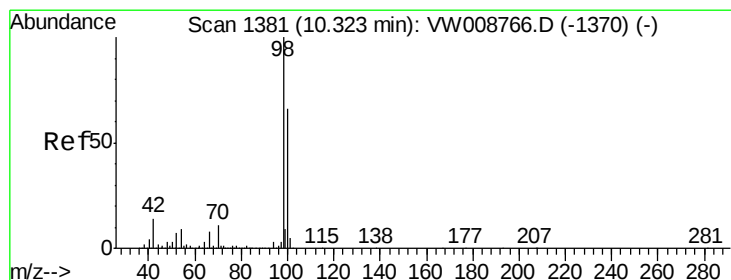
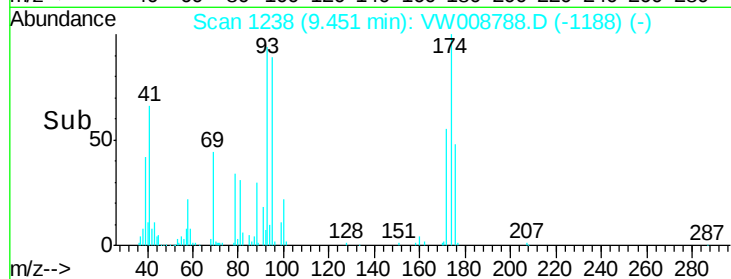
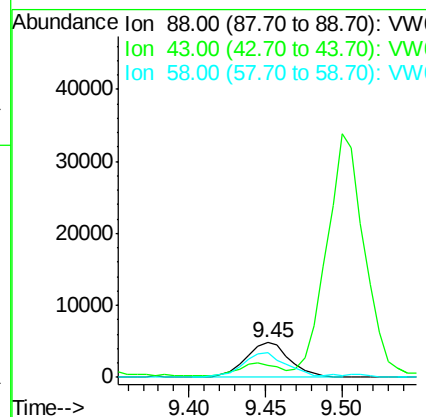
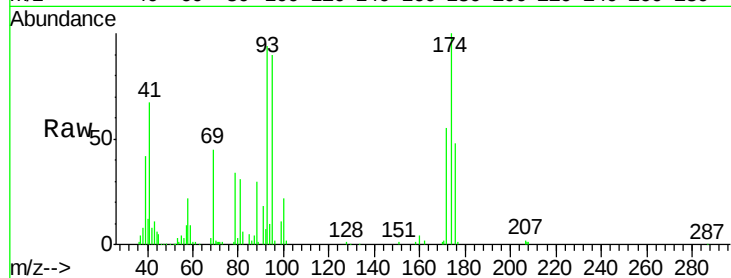
Abundance Ion 41.00 (40.70 to 41.70): VW  
Ion 69.00 (68.70 to 69.70): VW  
Ion 39.00 (38.70 to 39.70): VW





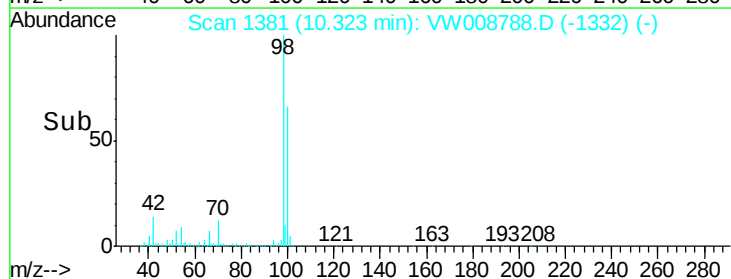
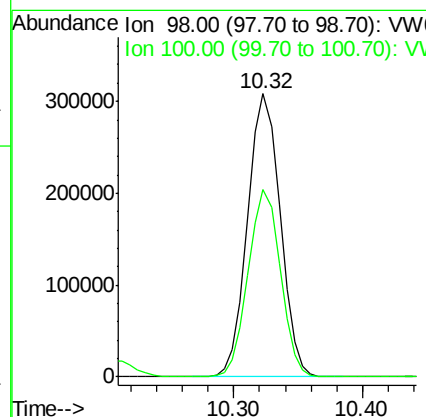
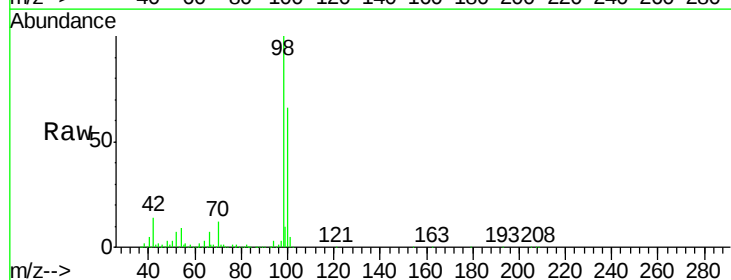
#49  
1,4-Dioxane  
Concen: 350.248 ug/l  
RT: 9.45 min Scan# 1238  
Delta R.T. 0.01 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

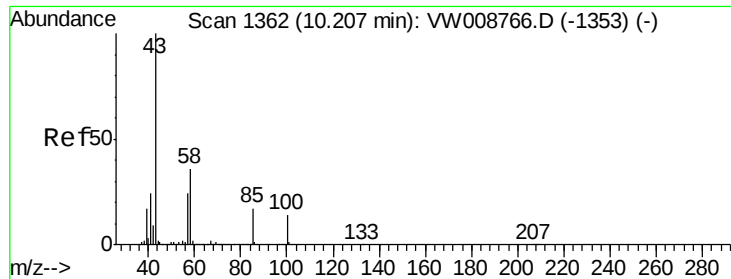
Tot Ion: 88 Resp: 9603  
Ion Ratio Lower Upper  
88 100  
43 34.1 29.0 43.4  
58 72.5 52.0 78.0



#50  
Toluene-d8  
Concen: 49.847 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tgt Ion: 98 Resp: 541447  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 97.983 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008788.D

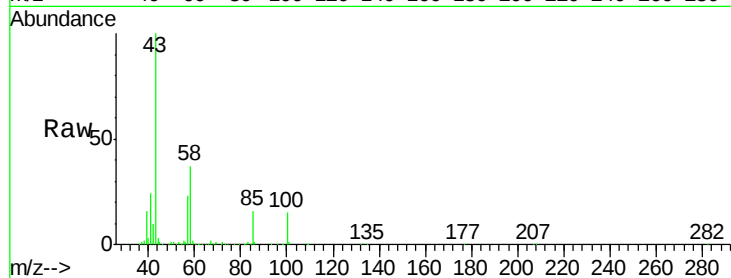
Acq: 22 Feb 2019 14:46

Tot Ion: 43 Resp: 210623

Ion Ratio Lower Upper

43 100

58 36.8 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

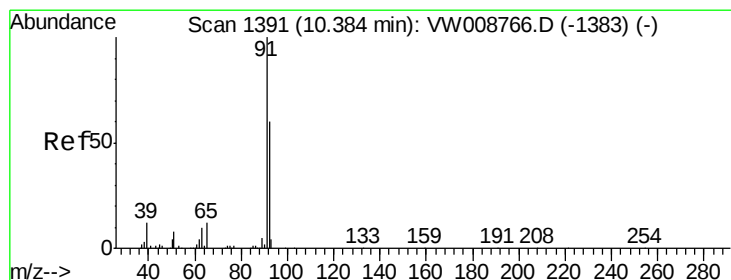
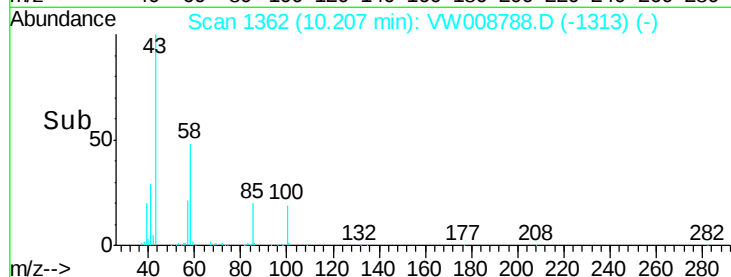
10.21

100000

50000

0

Time-->



#52

Toluene

Concen: 20.035 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008788.D

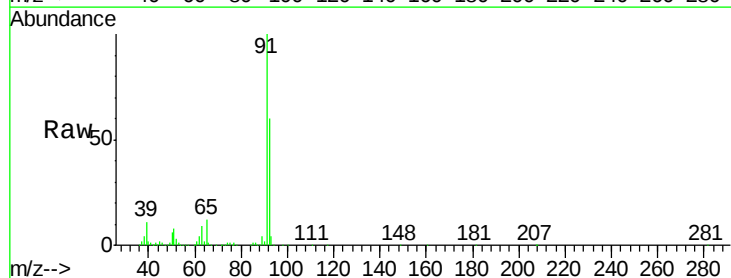
Acq: 22 Feb 2019 14:46

Tgt Ion: 92 Resp: 169367

Ion Ratio Lower Upper

92 100

91 171.8 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

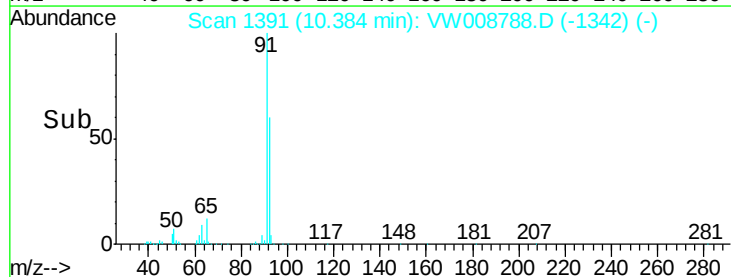
150000

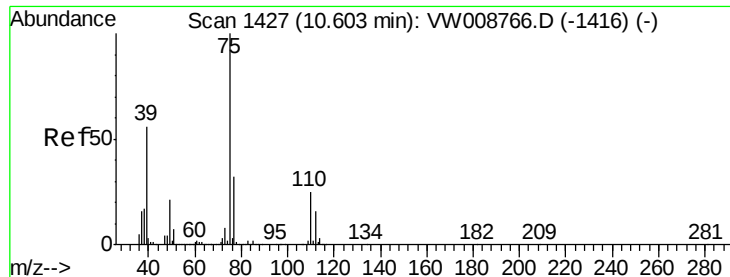
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.362 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008788.D

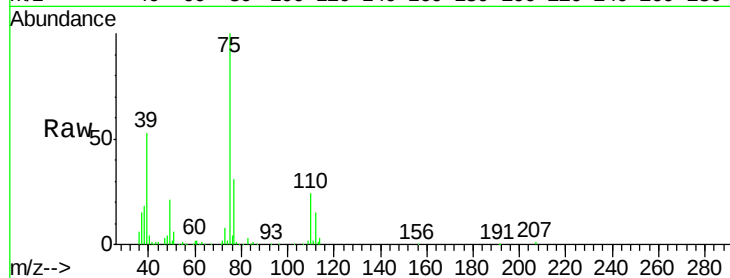
Acq: 22 Feb 2019 14:46

Tot Ion: 75 Resp: 86451

Ion Ratio Lower Upper

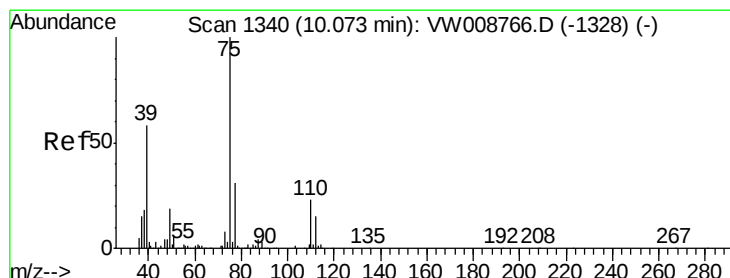
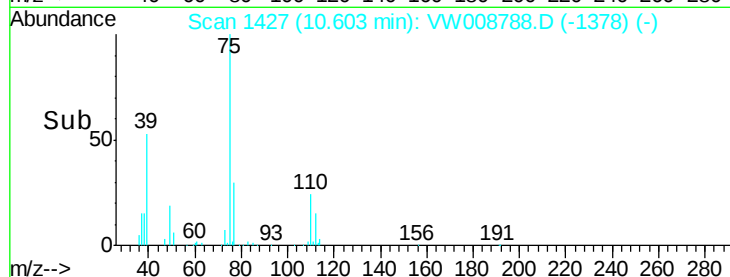
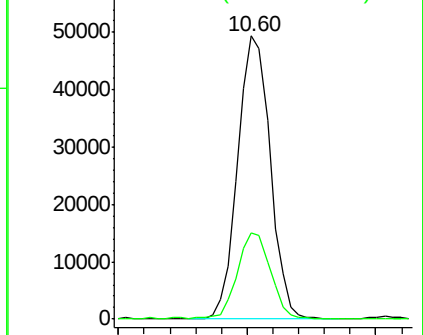
75 100

77 30.4 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.796 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

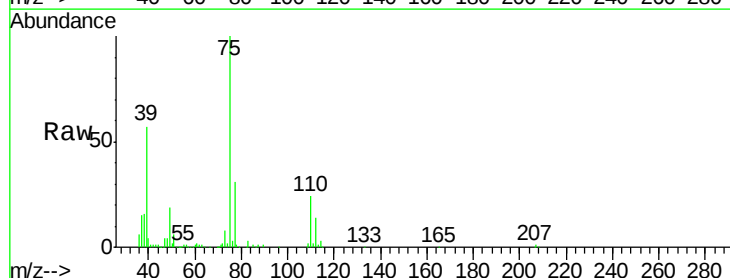
Tgt Ion: 75 Resp: 100704

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

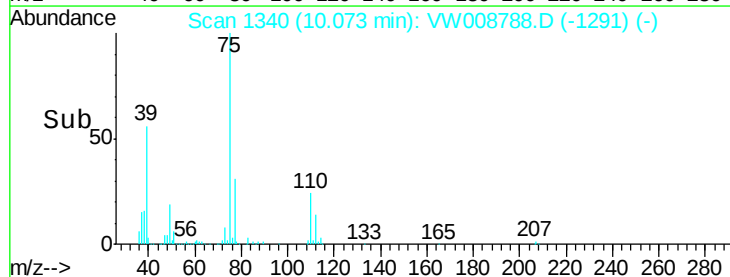
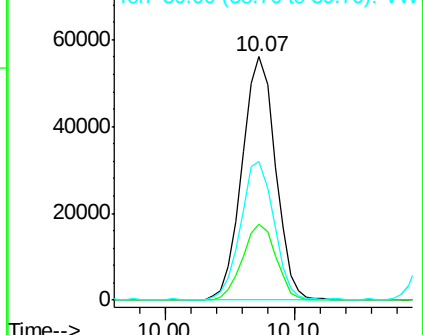
39 56.6 46.6 70.0

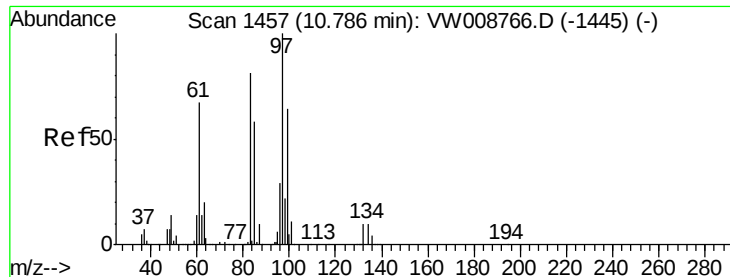


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

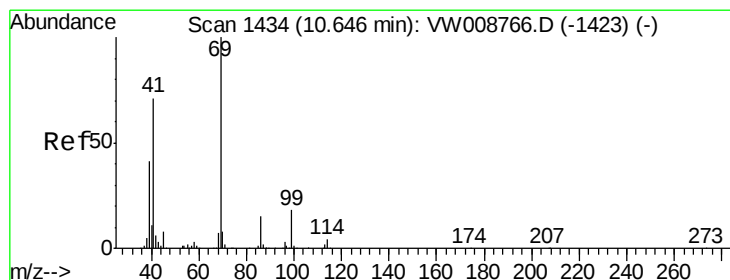
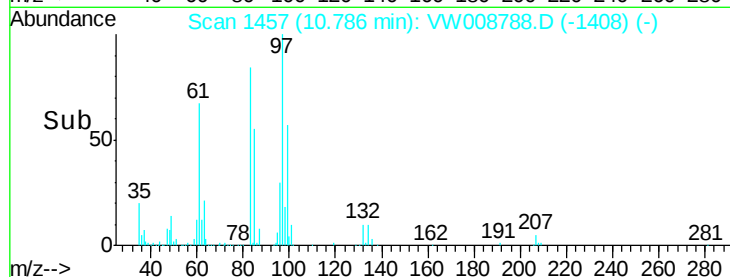
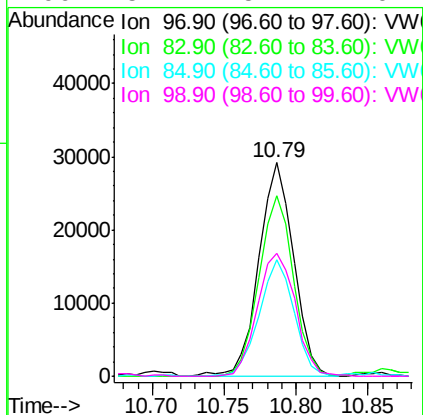
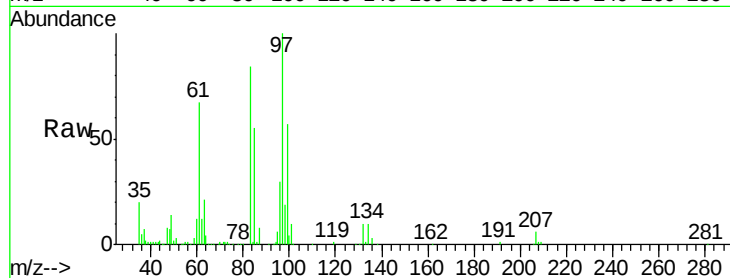
Ion 39.00 (38.70 to 39.70): VW





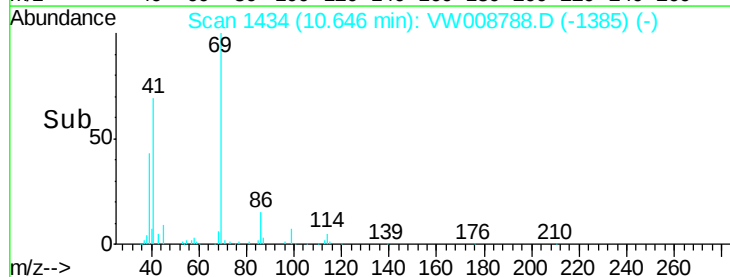
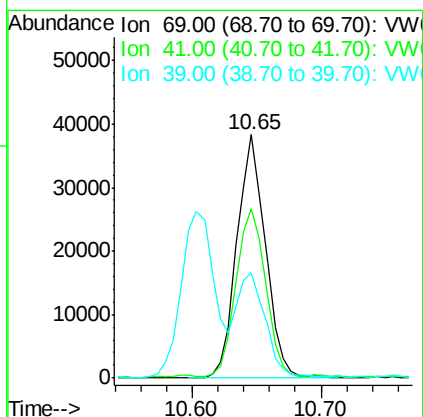
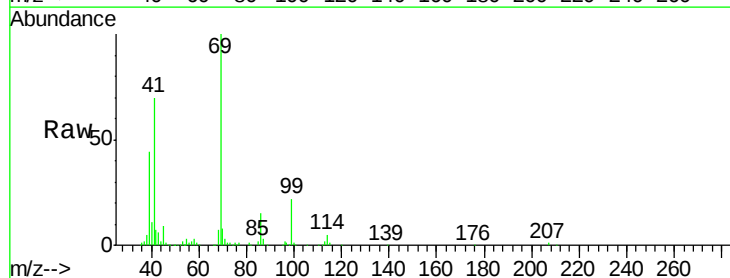
#55  
 1,1,2-Trichloroethane  
 Concen: 20.941 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

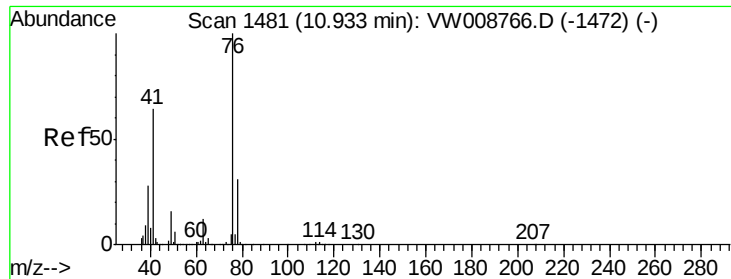
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 48623 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.4  | 65.0  | 97.6  |
| 85       | 54.7  | 46.0  | 69.0  |
| 99       | 57.4  | 51.1  | 76.7  |



#56  
 Ethyl methacrylate  
 Concen: 19.581 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

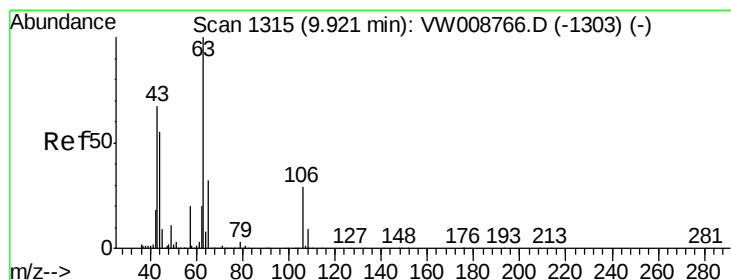
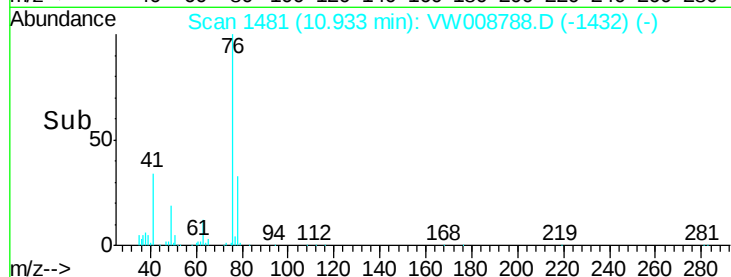
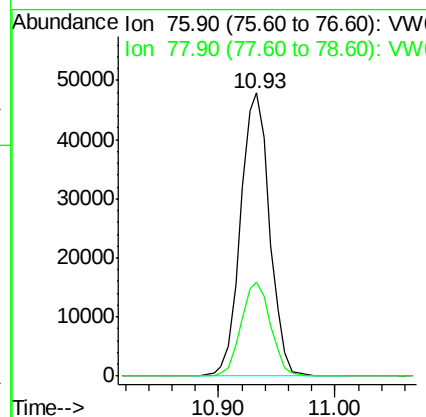
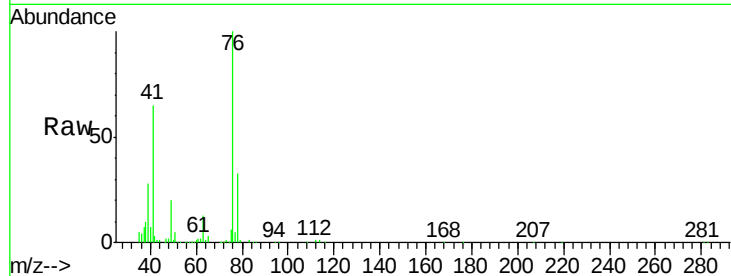
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 59068 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 70.4  | 57.4  | 86.0  |
| 39       | 42.5  | 34.8  | 52.2  |





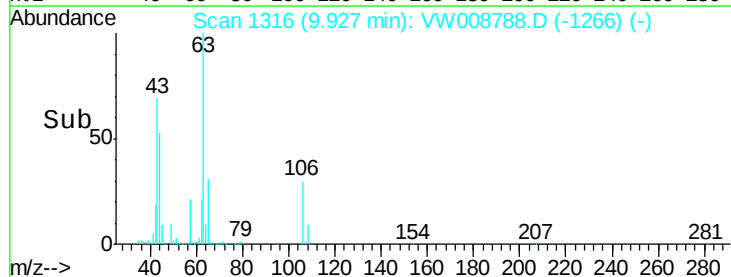
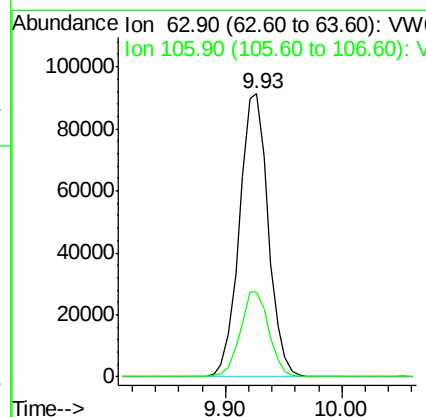
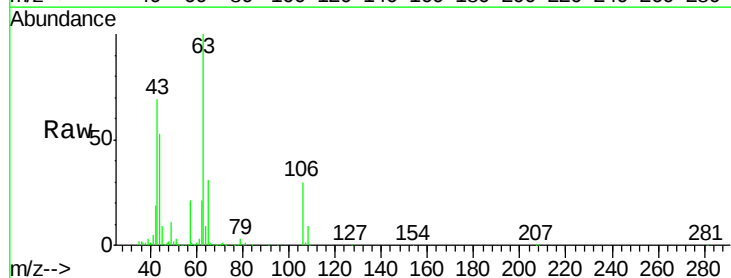
#57  
 1,3-Dichloropropane  
 Concen: 20.263 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

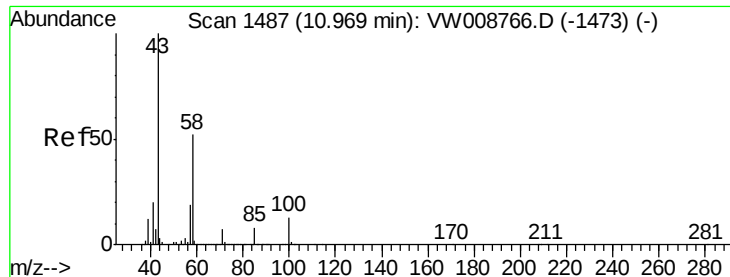
Tot Ion: 76 Resp: 83070  
 Ion Ratio Lower Upper  
 76 100  
 78 33.8 25.8 38.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 104.101 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.01 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

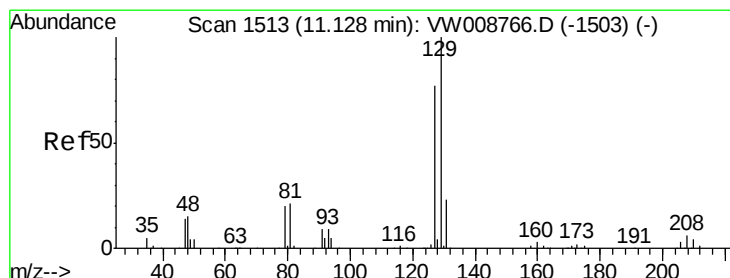
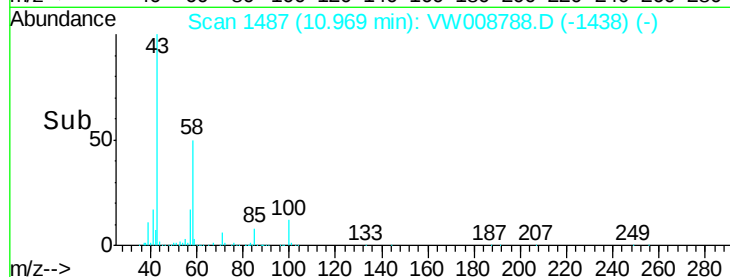
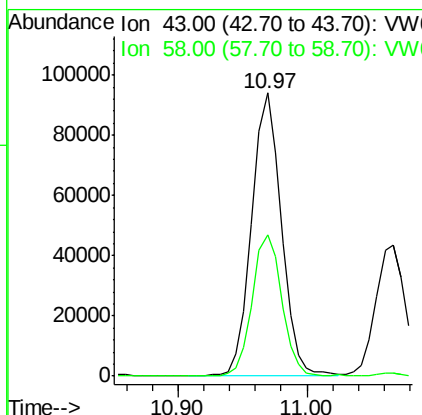
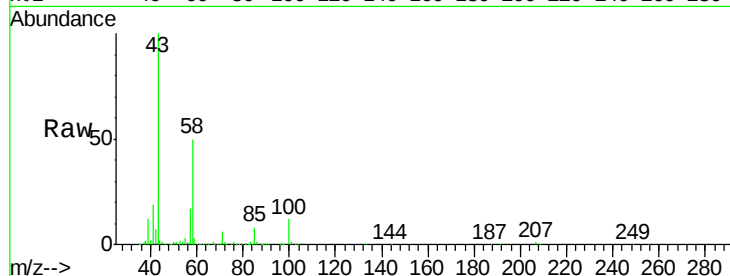
Tgt Ion: 63 Resp: 157941  
 Ion Ratio Lower Upper  
 63 100  
 106 29.9 24.0 36.0





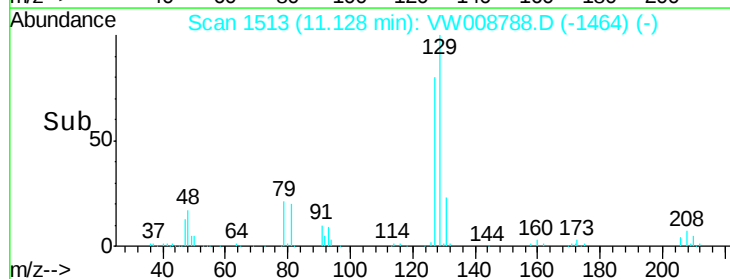
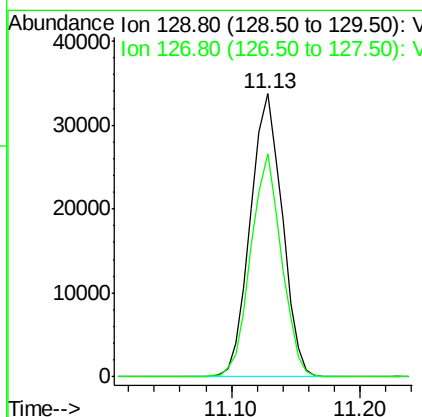
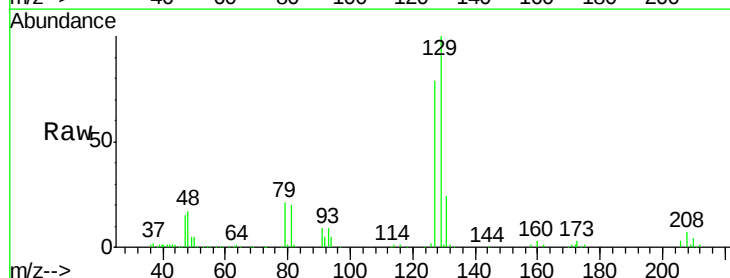
#59  
2-Hexanone  
Concen: 97.441 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

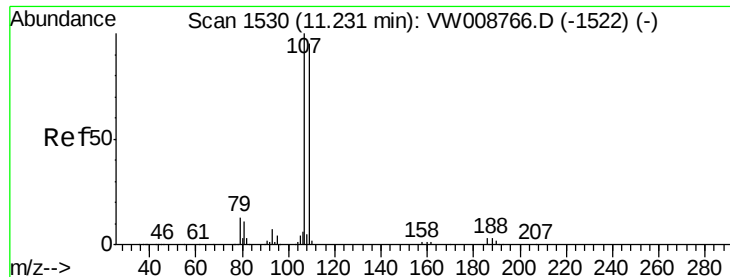
Tot Ion: 43 Resp: 149102  
Ion Ratio Lower Upper  
43 100  
58 49.9 25.3 75.8



#60  
Dibromochloromethane  
Concen: 20.375 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tgt Ion: 129 Resp: 57703  
Ion Ratio Lower Upper  
129 100  
127 75.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 20.214 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW008788.D

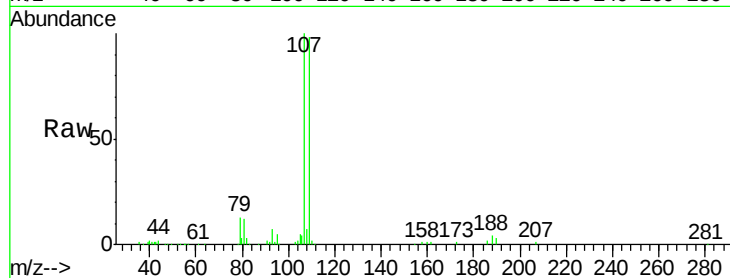
Acq: 22 Feb 2019 14:46

Tot Ion: 107 Resp: 46458

Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

25000

20000

15000

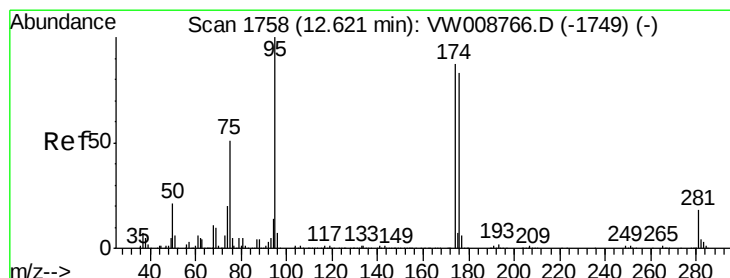
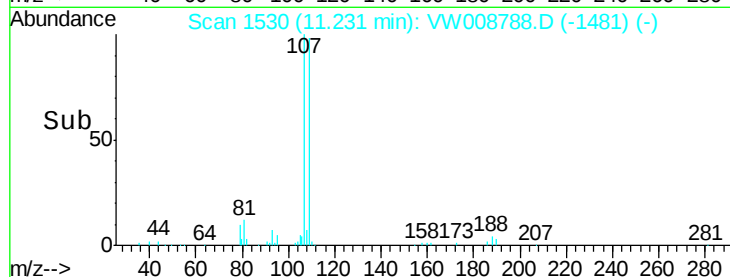
10000

5000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 48.353 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

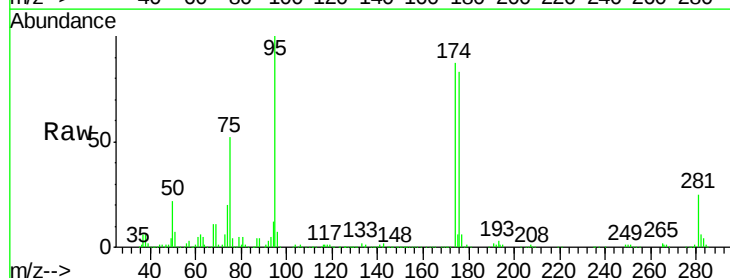
Tgt Ion: 95 Resp: 205648

Ion Ratio Lower Upper

95 100

174 84.6 0.0 169.2

176 83.0 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

150000

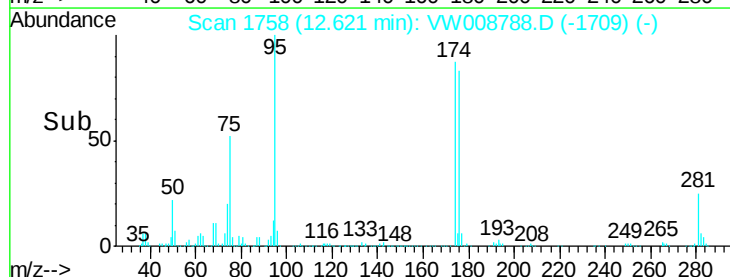
100000

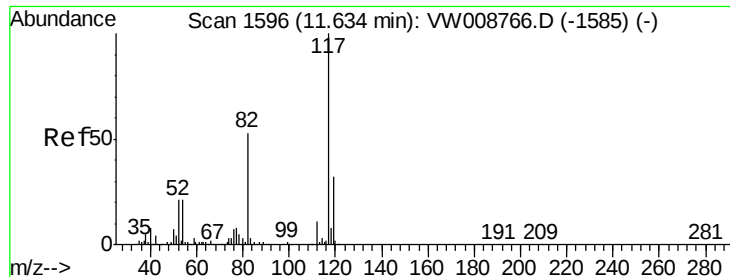
50000

0

Time-->

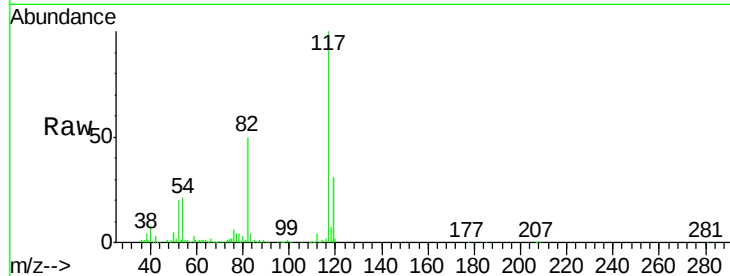
12.55 12.60 12.65 12.70



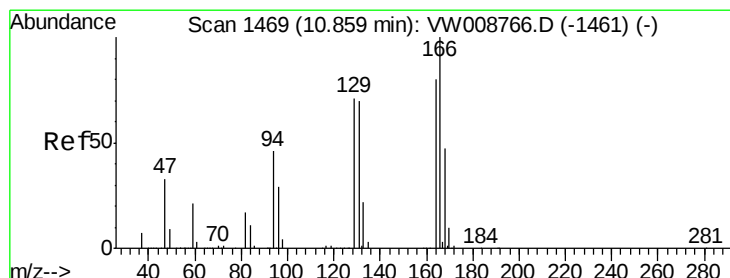
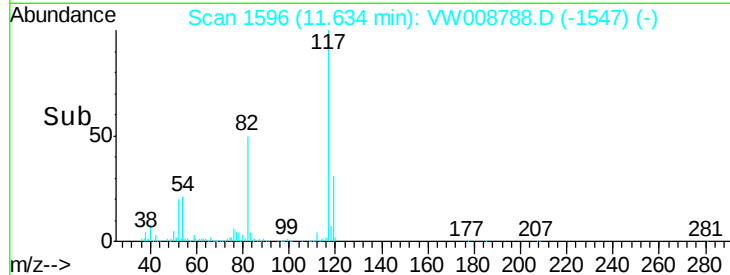
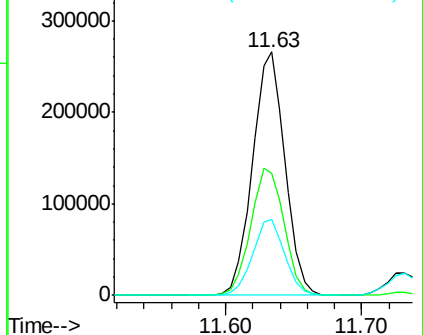


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:117 | Resp: | 443950    |
| Ion Ratio   | Lower | Upper     |
| 117         | 100   |           |
| 82          | 50.1  | 42.2 63.4 |
| 119         | 31.1  | 25.9 38.9 |

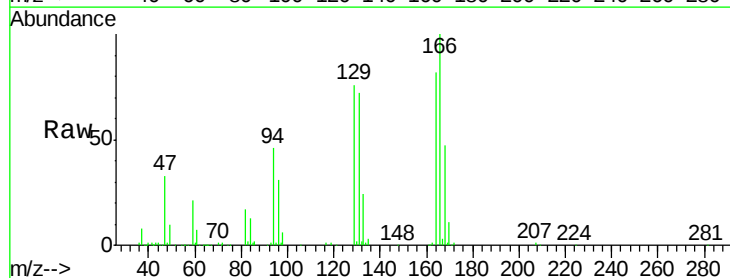


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

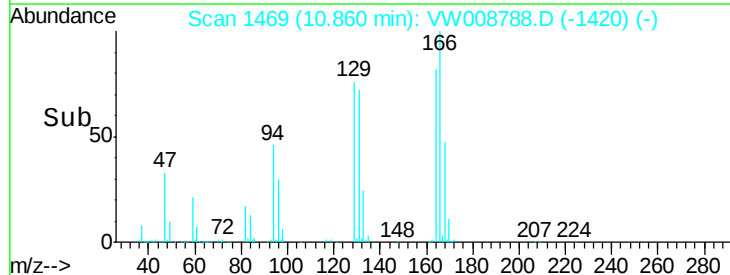
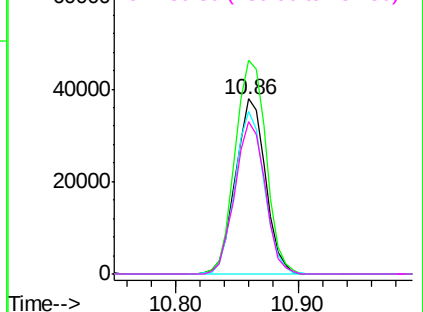


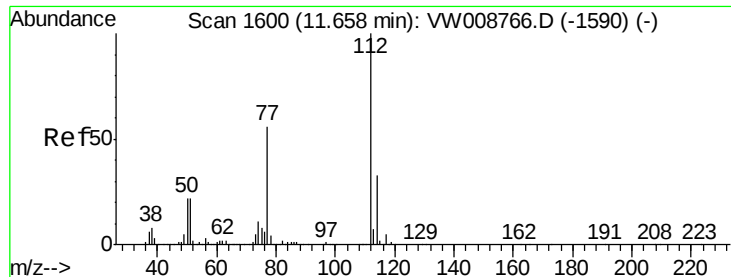
#64  
Tetrachloroethene  
Concen: 20.115 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 63923      |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 166         | 121.9 | 99.5 149.3 |
| 129         | 93.0  | 71.1 106.7 |
| 131         | 87.3  | 69.8 104.8 |



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.021 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008788.D

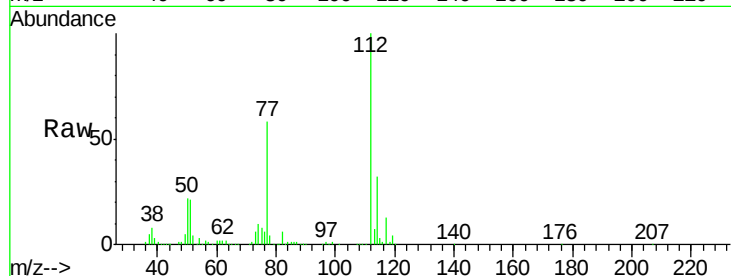
Acq: 22 Feb 2019 14:46

Tot Ion:112 Resp: 186894

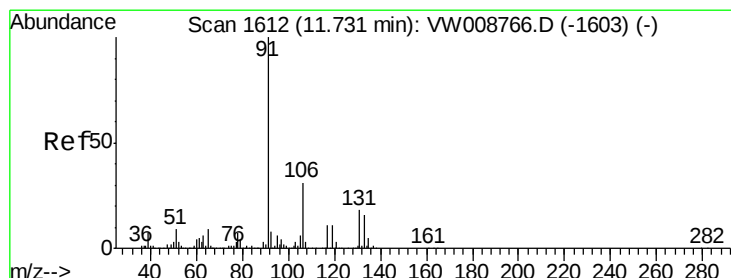
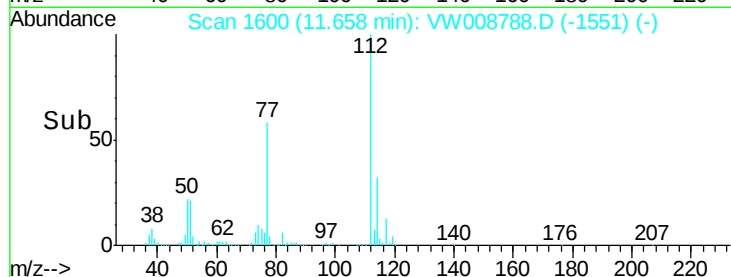
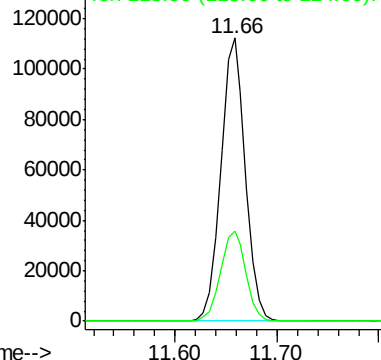
Ion Ratio Lower Upper

112 100

114 32.0 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.934 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

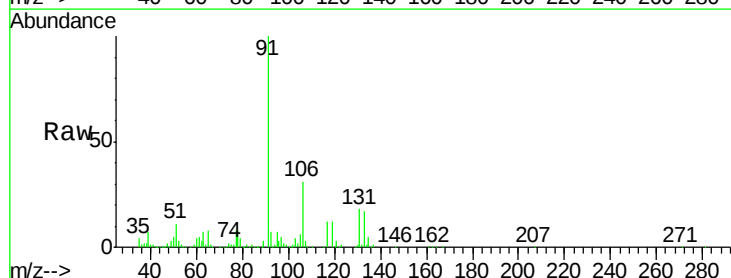
Tgt Ion:131 Resp: 62919

Ion Ratio Lower Upper

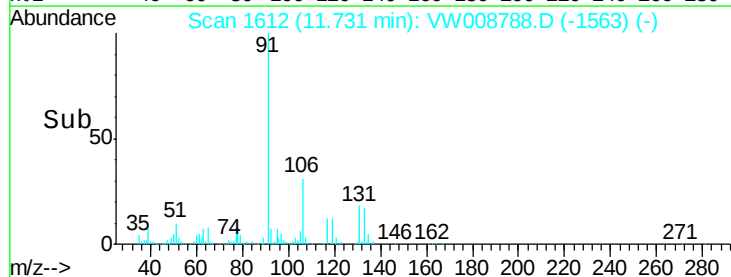
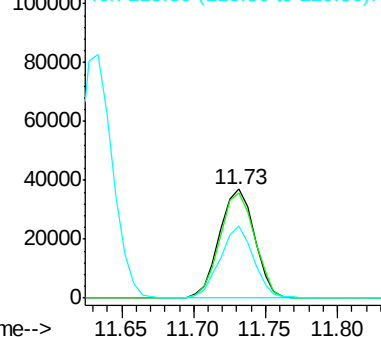
131 100

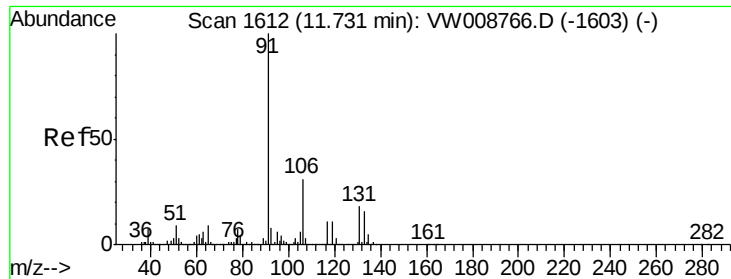
133 95.9 46.7 140.0

119 62.8 30.8 92.4



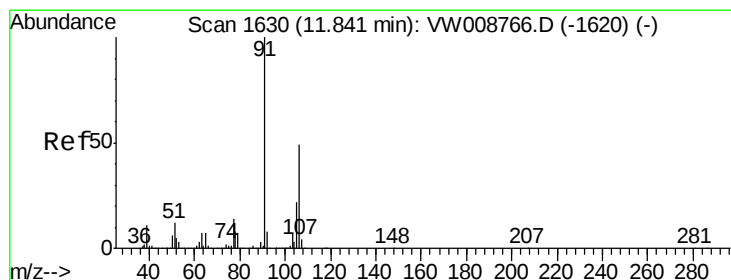
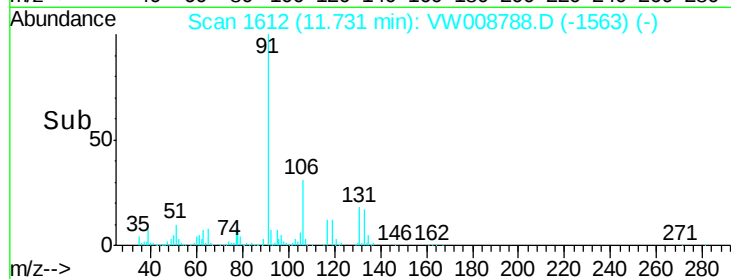
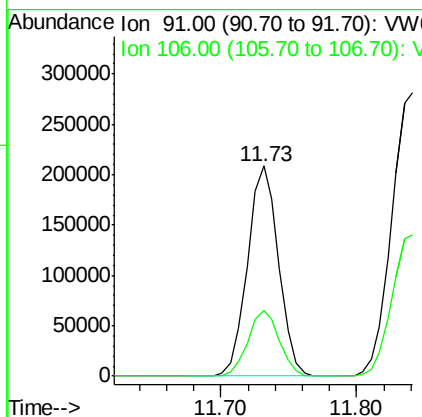
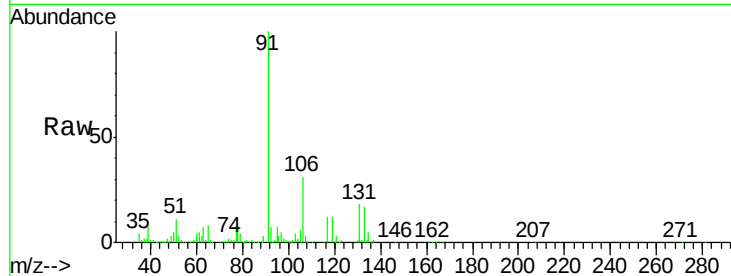
Abundance Ion 130.80 (130.50 to 131.50): V  
Ion 132.80 (132.50 to 133.50): V  
Ion 118.80 (118.50 to 119.50): V





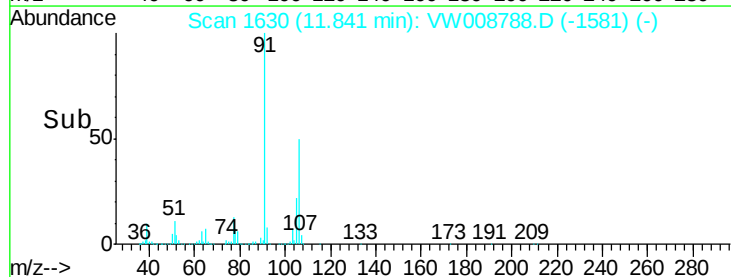
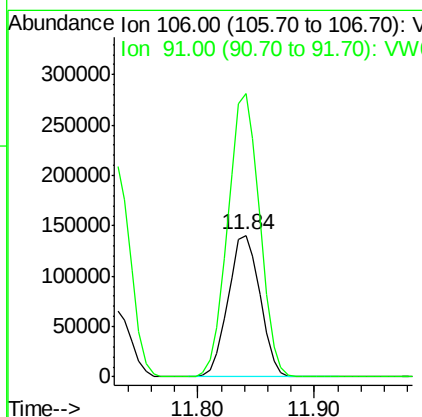
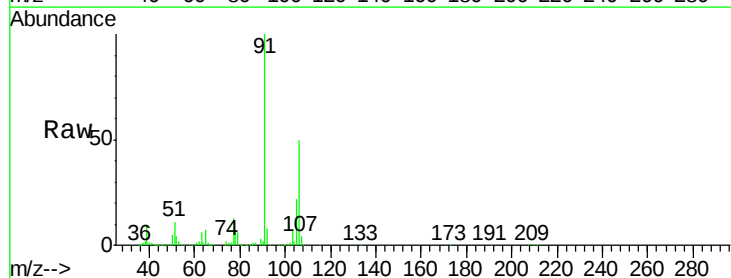
#67  
Ethyl Benzene  
Concen: 20.020 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

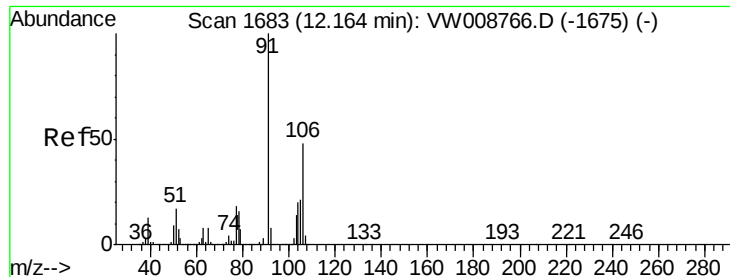
Tot Ion: 91 Resp: 334092  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.0 37.6



#68  
m/p-Xylenes  
Concen: 40.240 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

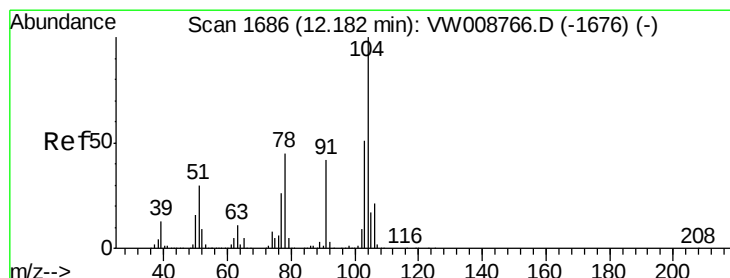
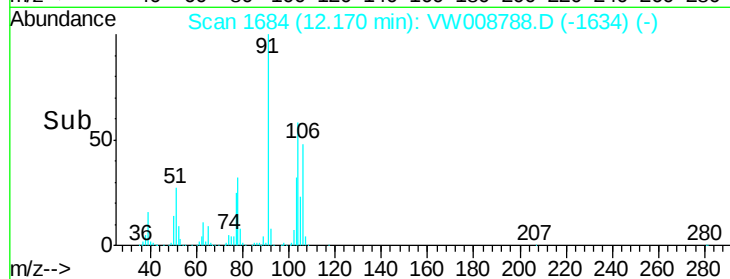
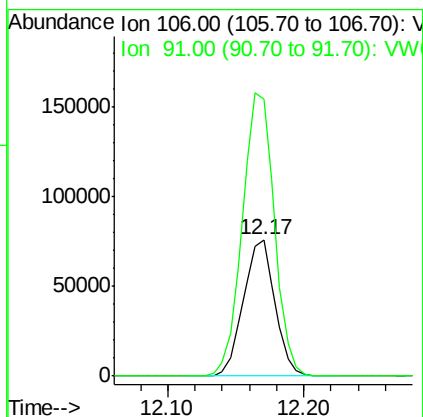
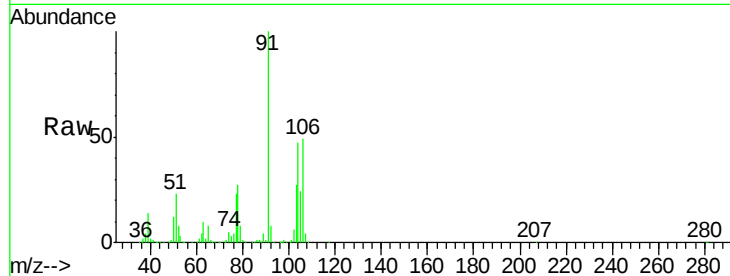
Tgt Ion: 106 Resp: 268306  
Ion Ratio Lower Upper  
106 100  
91 198.9 161.5 242.3





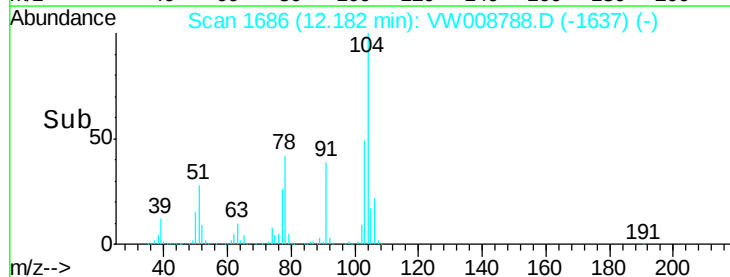
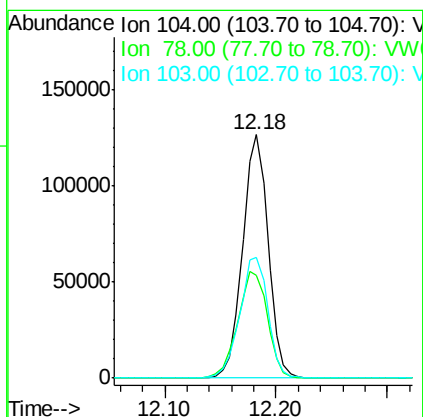
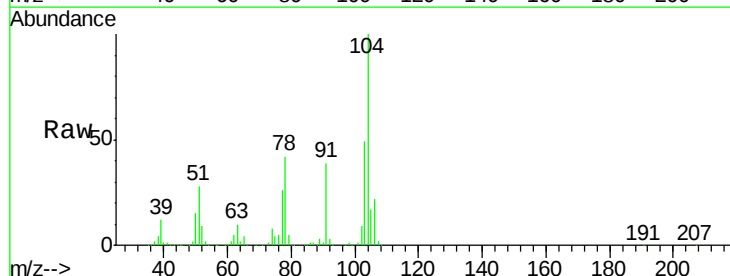
#69  
o-Xylene  
Concen: 19.649 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.01 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tot Ion:106 Resp: 122970  
Ion Ratio Lower Upper  
106 100  
91 212.0 106.2 318.6



#70  
Styrene  
Concen: 20.043 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tgt Ion:104 Resp: 201805  
Ion Ratio Lower Upper  
104 100  
78 51.0 40.8 61.2  
103 54.9 44.2 66.2





#71

Bromoform

Concen: 19.252 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

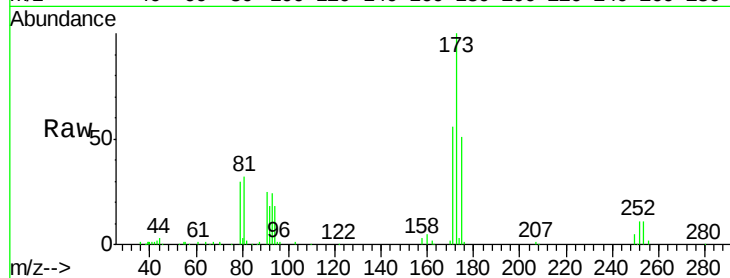
Tot Ion:173 Resp: 32664

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 48.9  | 24.2  | 72.6  |
| 254 | 0.2   | 0.2   | 0.4   |

173 100

175 48.9 24.2 72.6

254 0.2 0.2 0.4

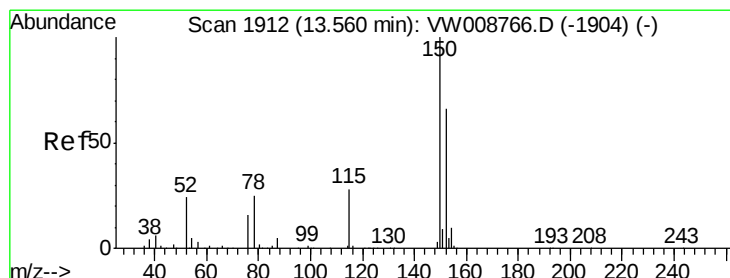
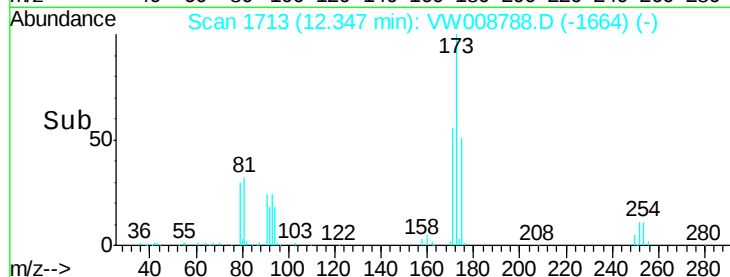
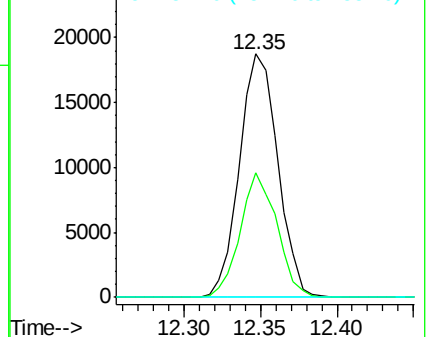


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

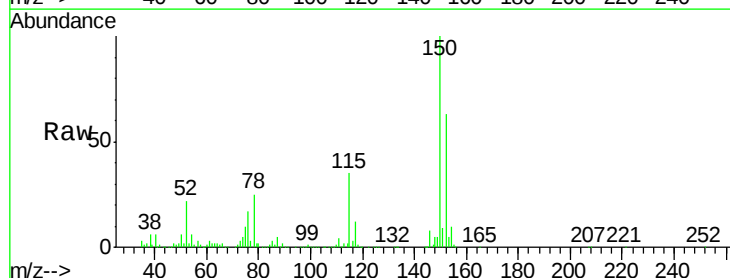
Tgt Ion:152 Resp: 240083

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 56.9  | 28.6  | 85.8  |
| 150 | 164.5 | 0.0   | 348.0 |

152 100

115 56.9 28.6 85.8

150 164.5 0.0 348.0

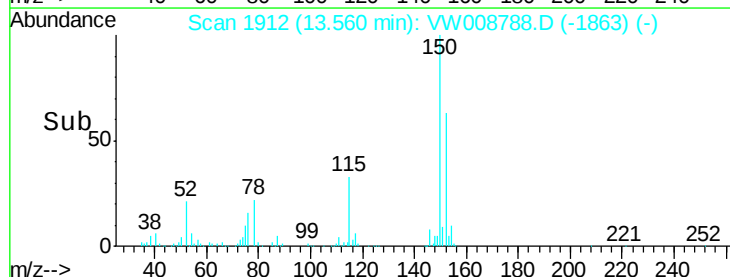
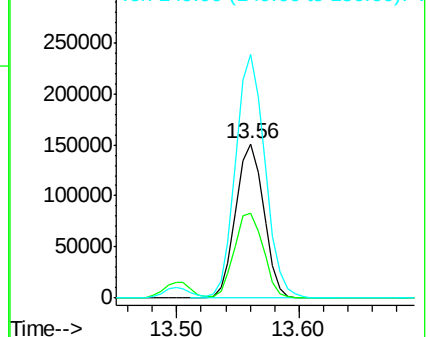


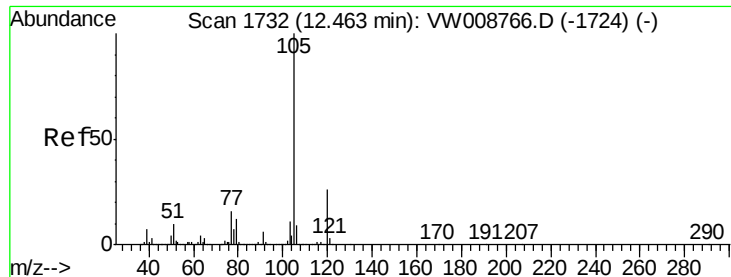
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.657 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008788.D

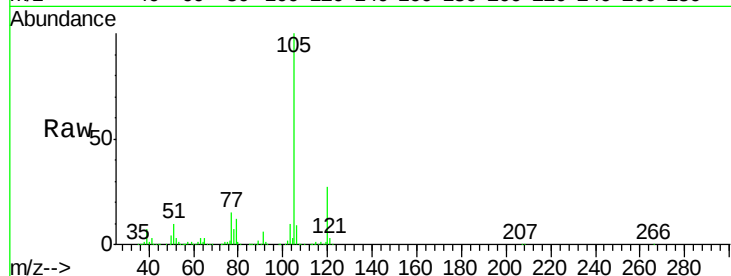
Acq: 22 Feb 2019 14:46

Tot Ion: 105 Resp: 339980

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

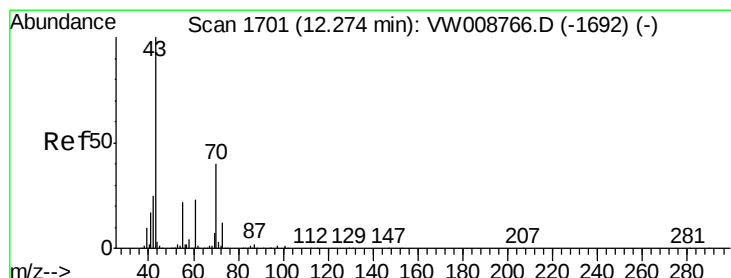
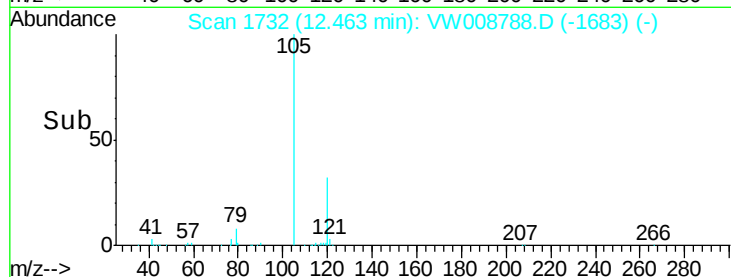
100000

50000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 19.140 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tgt Ion: 43 Resp: 79353

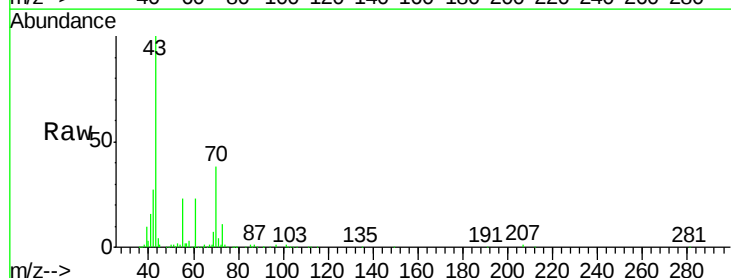
Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 23.3 18.7 28.1

61 22.8 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

80000

60000

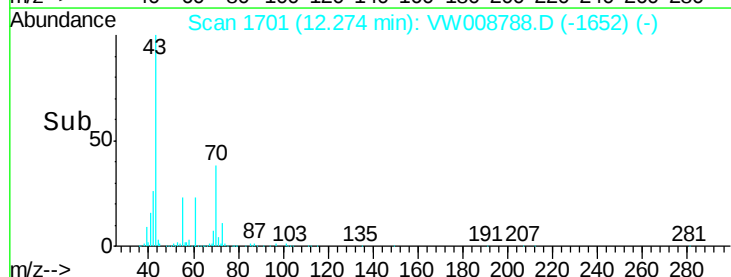
40000

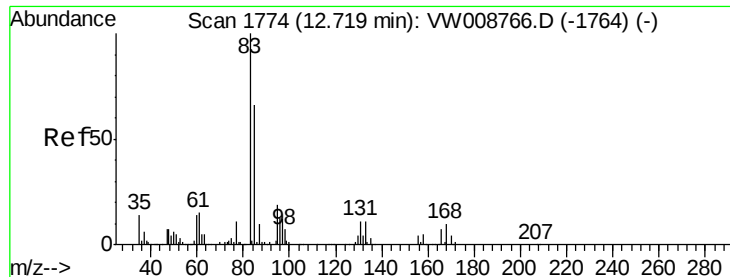
20000

0

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.110 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

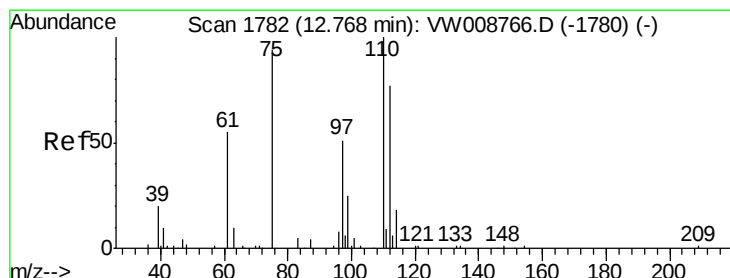
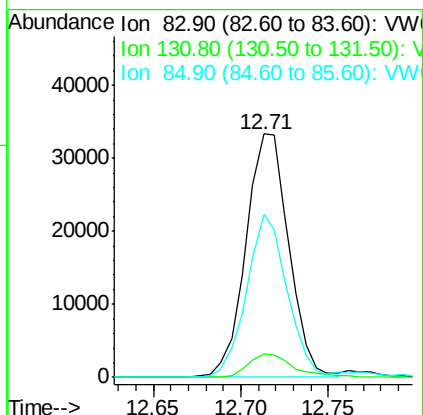
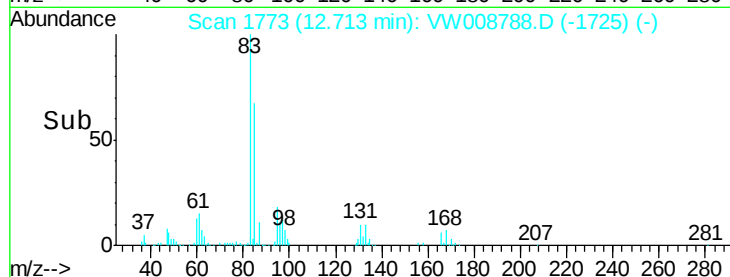
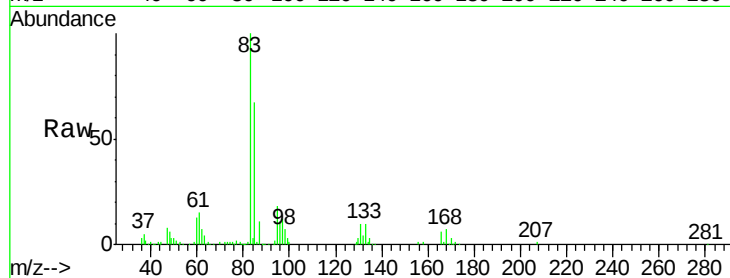
Tot Ion: 83 Resp: 56772

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.7

85 63.2 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 18.834 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008788.D

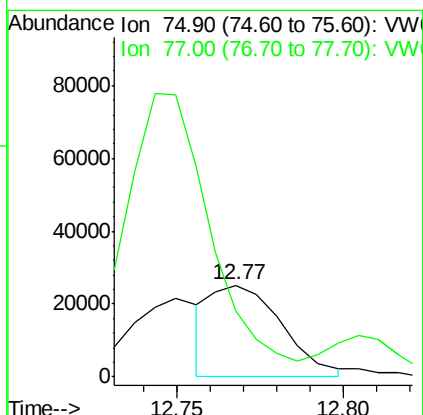
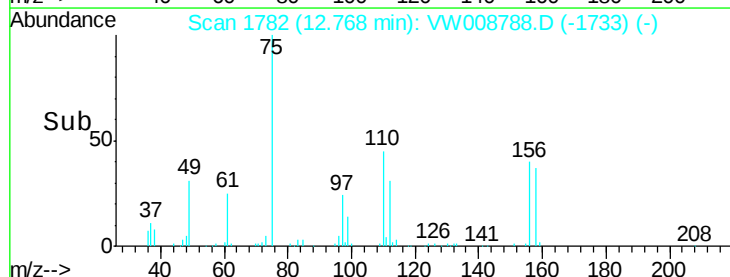
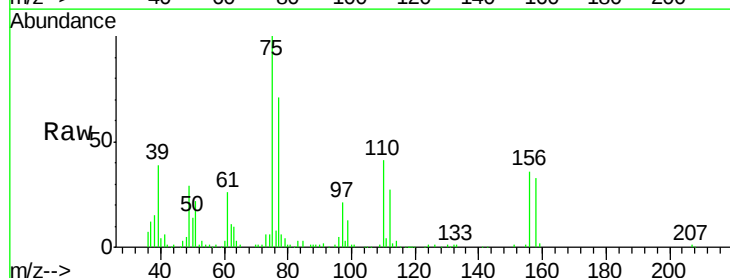
Acq: 22 Feb 2019 14:46

Tgt Ion: 75 Resp: 37333

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.002 ug/l

RT: 12.75 min Scan# 1779

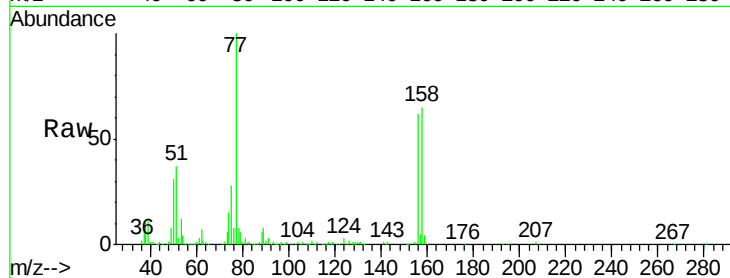
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tot Ion:156 Resp: 81683

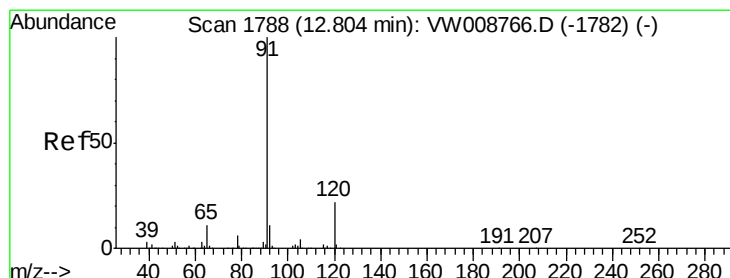
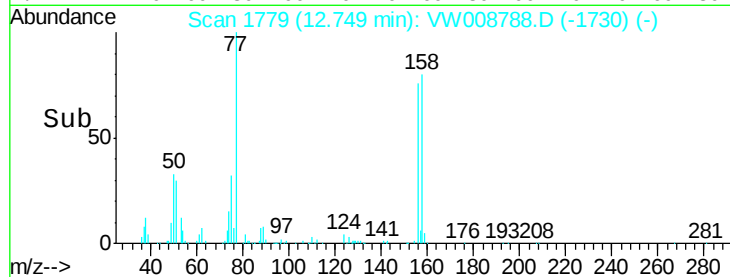
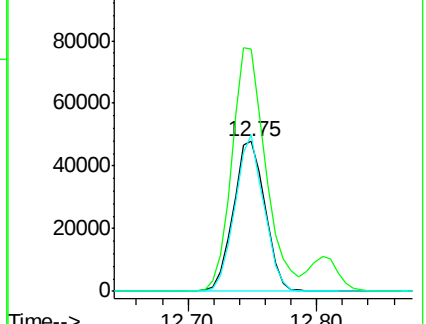
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 173.8 | 89.1  | 267.4 |
| 158 | 95.6  | 49.2  | 147.6 |



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.442 ug/l

RT: 12.80 min Scan# 1788

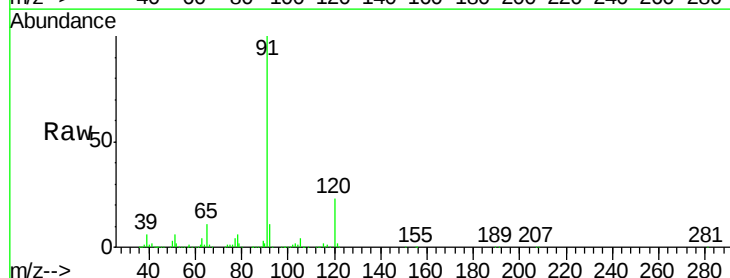
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

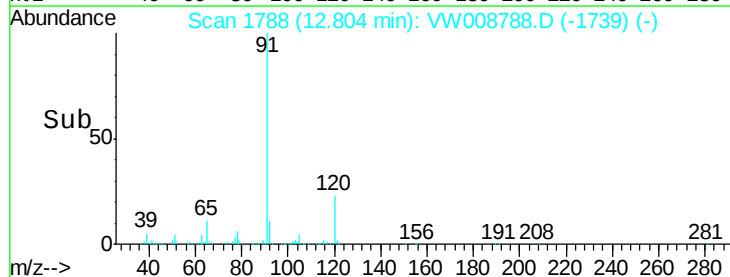
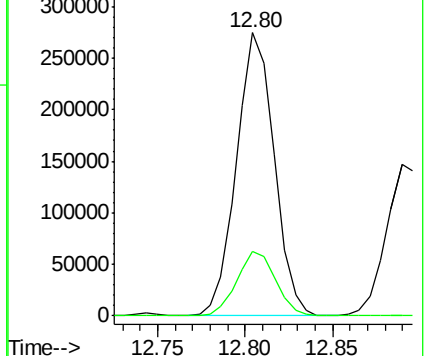
Tgt Ion: 91 Resp: 411546

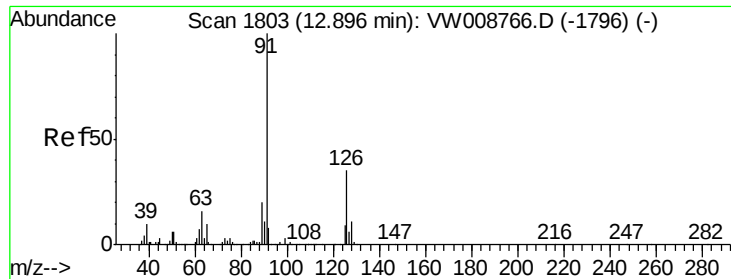
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.6  | 11.5  | 34.4  |



Abundance Ion 91.00 (90.70 to 91.70): VW

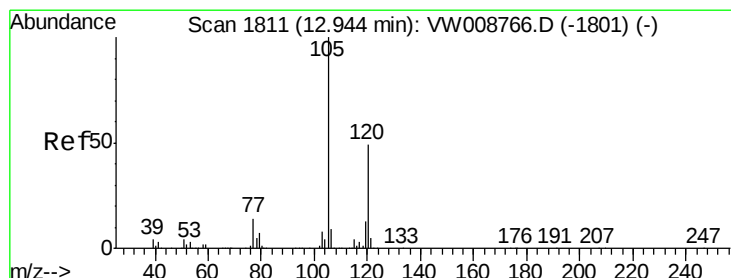
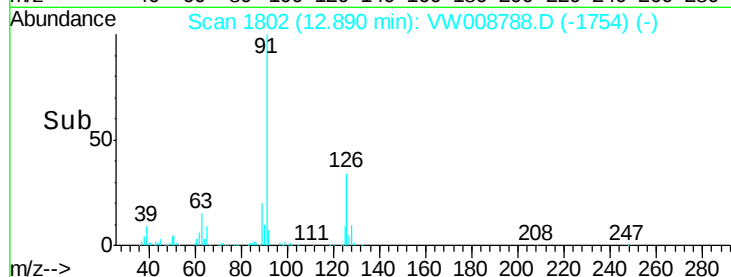
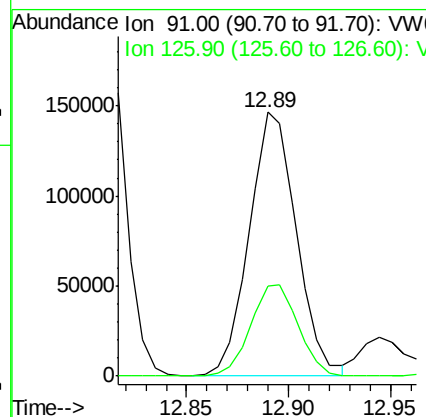
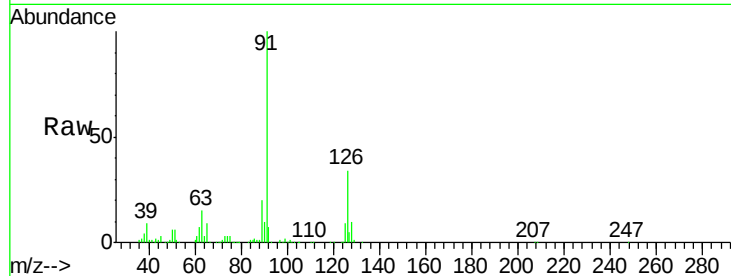
Ion 120.00 (119.70 to 120.70): V





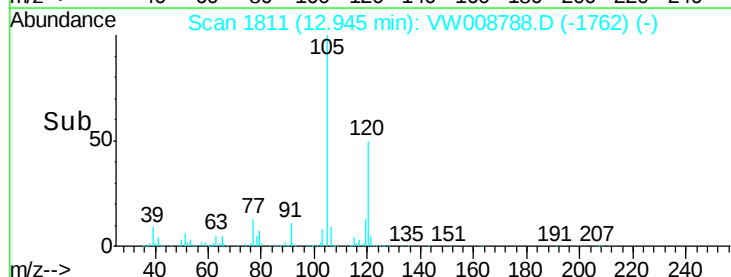
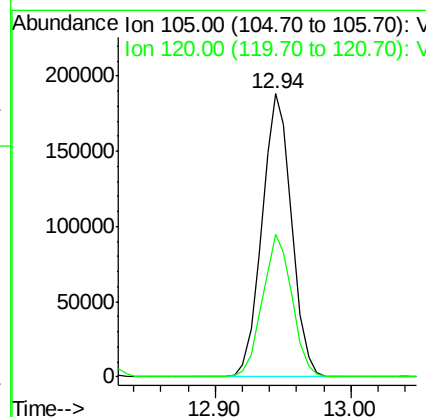
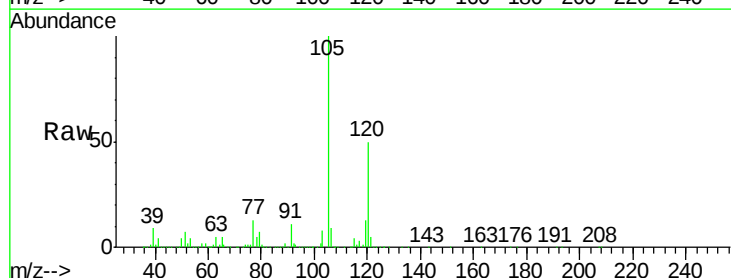
#79  
 2-Chlorotoluene  
 Concen: 20.589 ug/l  
 RT: 12.89 min Scan# 1802  
 Delta R.T. -0.01 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

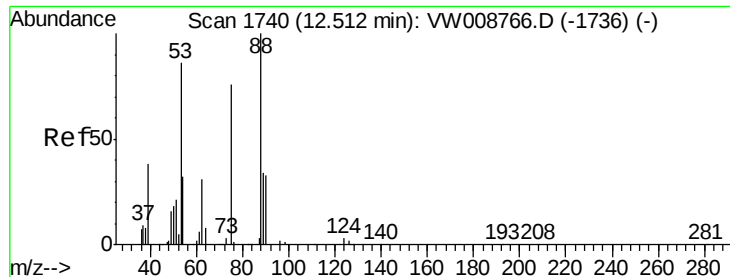
Tot Ion: 91 Resp: 235341  
 Ion Ratio Lower Upper  
 91 100  
 126 35.0 17.0 51.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.001 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. 0.00 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

Tgt Ion:105 Resp: 286076  
 Ion Ratio Lower Upper  
 105 100  
 120 50.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.957 ug/l

RT: 12.51 min Scan# 1740

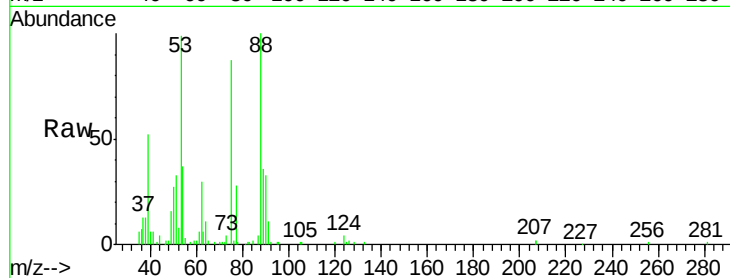
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

Tot Ion: 75 Resp: 15457

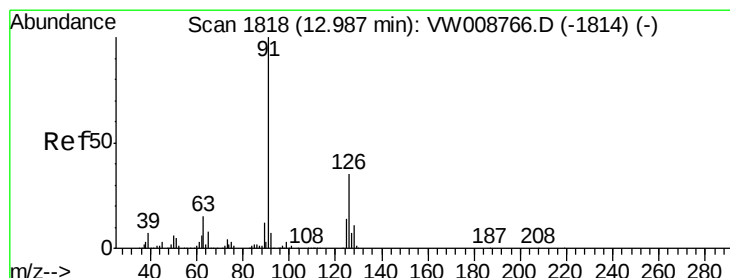
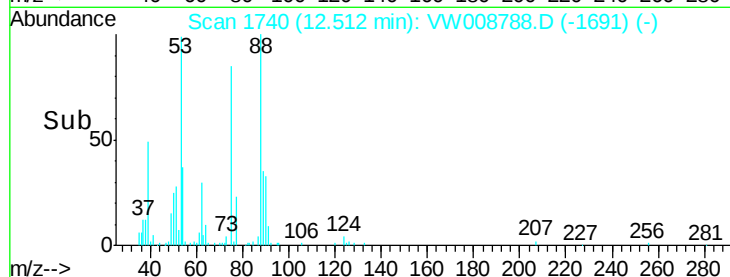
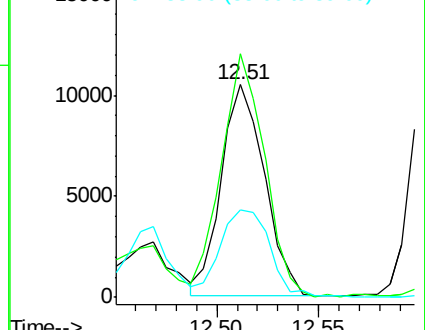
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 115.3 | 88.2  | 132.2 |
| 89  | 48.3  | 39.5  | 59.3  |



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.297 ug/l

RT: 12.99 min Scan# 1818

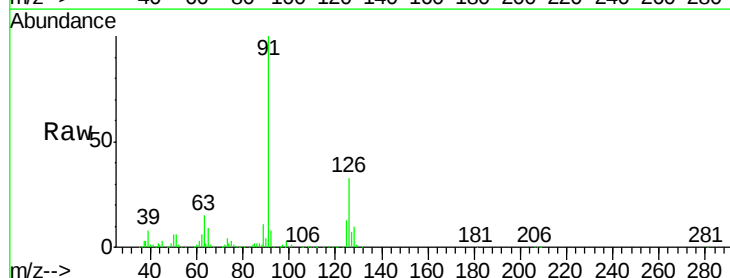
Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

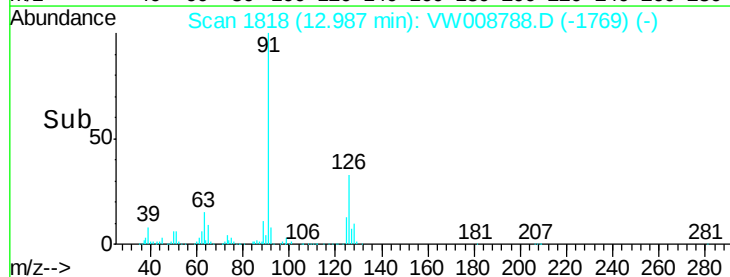
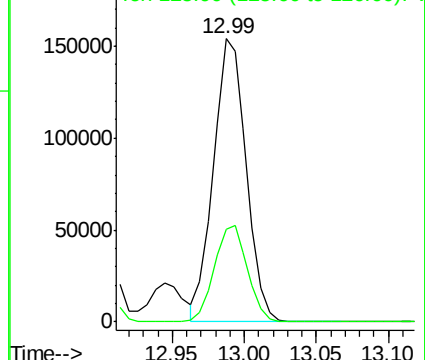
Tgt Ion: 91 Resp: 244492

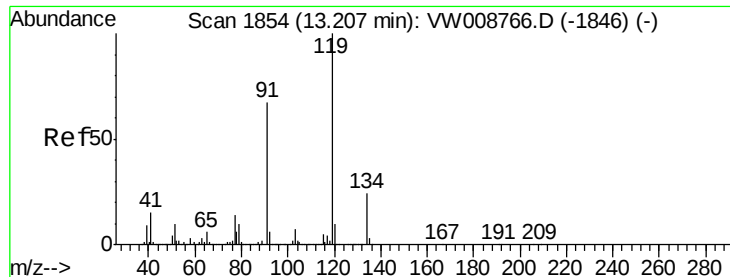
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 34.5  | 17.2  | 51.6  |



Abundance Ion 91.00 (90.70 to 91.70): VW

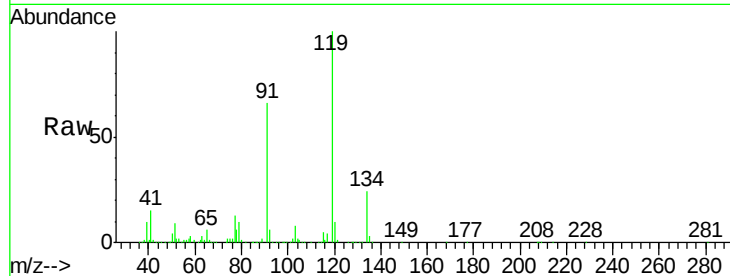
Ion 125.90 (125.60 to 126.60): V



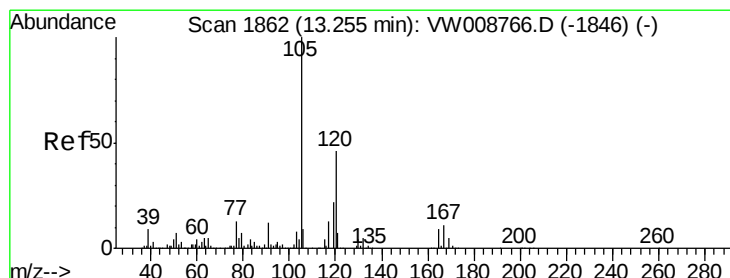
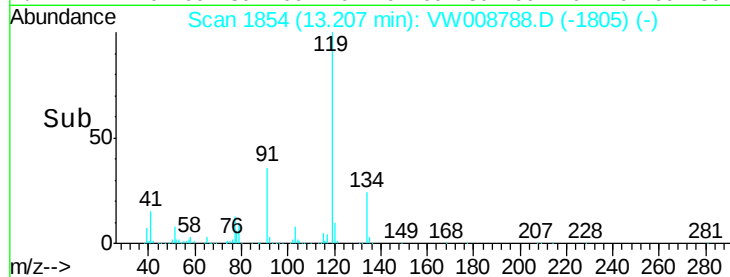
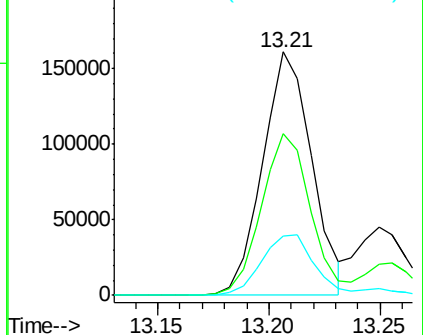


#83  
tert-Butylbenzene  
Concen: 19.943 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tot Ion:119 Resp: 246637  
Ion Ratio Lower Upper  
119 100  
91 67.2 33.6 100.8  
134 26.6 13.7 41.1

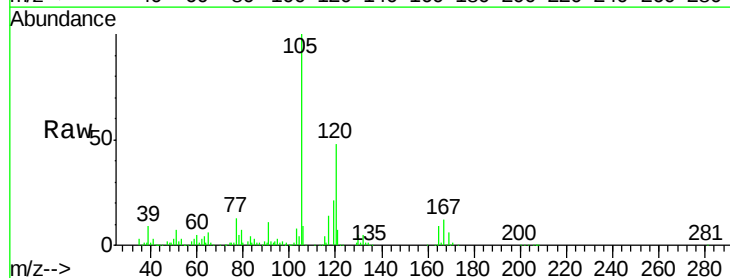


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

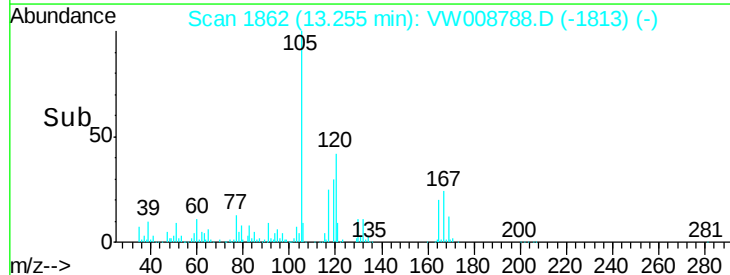
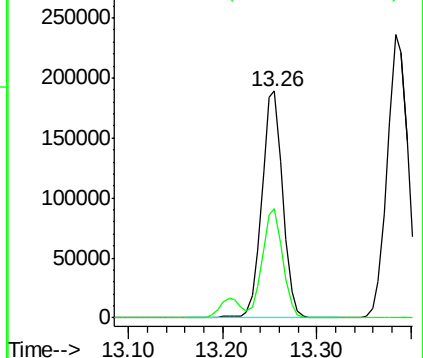


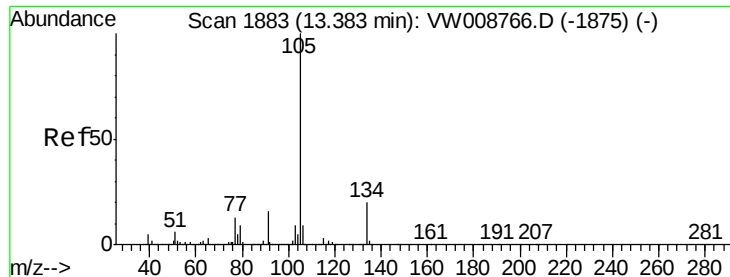
#84  
1,2,4-Trimethylbenzene  
Concen: 19.966 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tgt Ion:105 Resp: 295609  
Ion Ratio Lower Upper  
105 100  
120 46.8 22.8 68.4



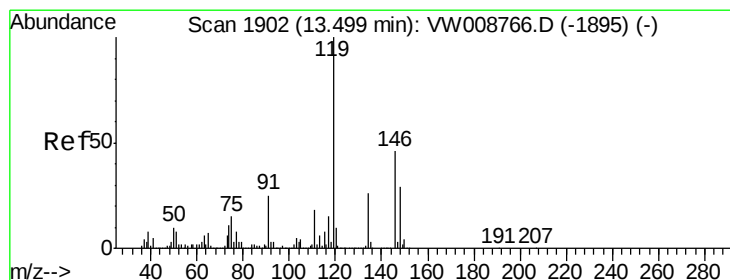
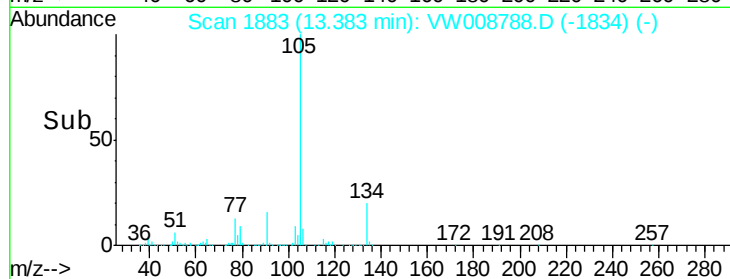
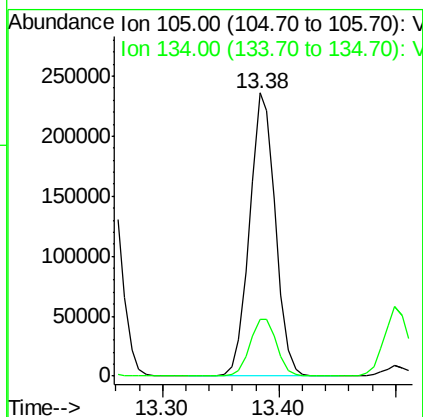
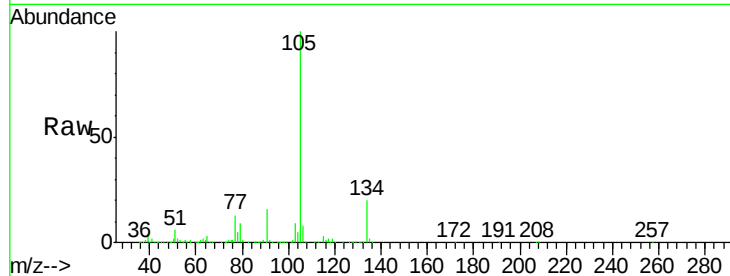
Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





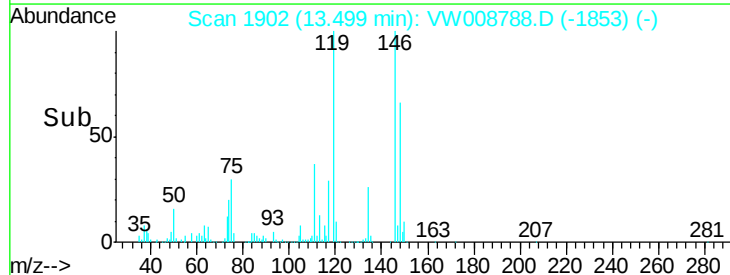
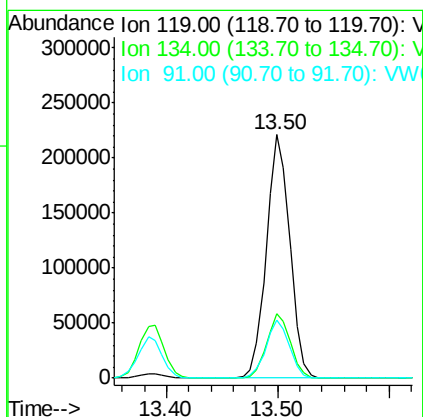
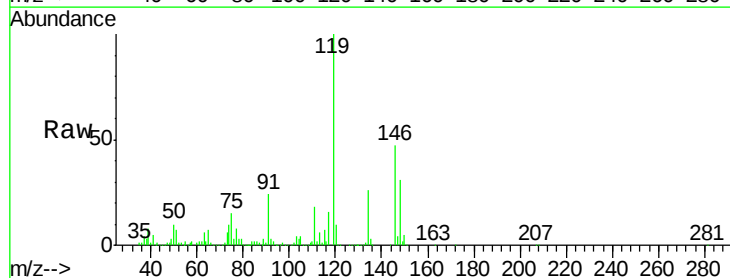
#85  
 sec-Butylbenzene  
 Concen: 20.373 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. 0.00 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

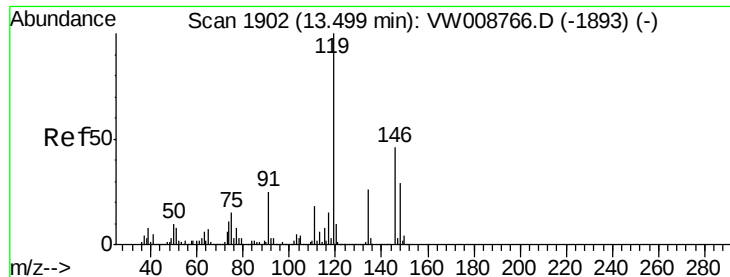
Tot Ion:105 Resp: 362284  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 19.977 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

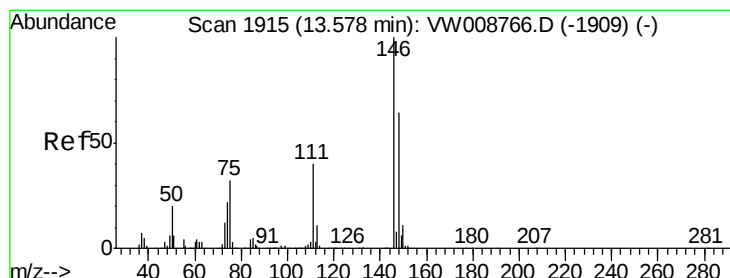
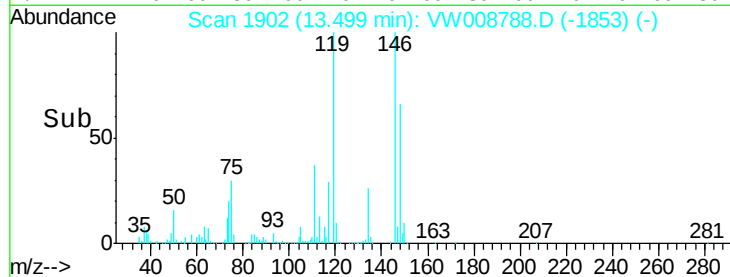
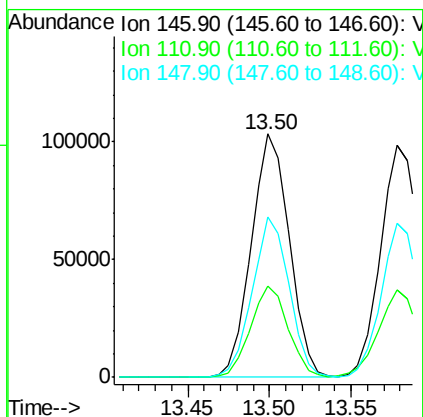
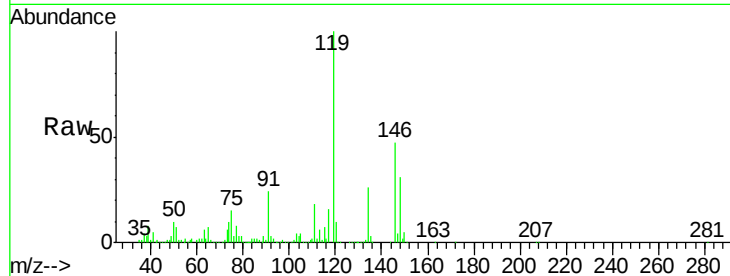
Tgt Ion:119 Resp: 325670  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.1 39.3  
 91 23.8 12.1 36.3





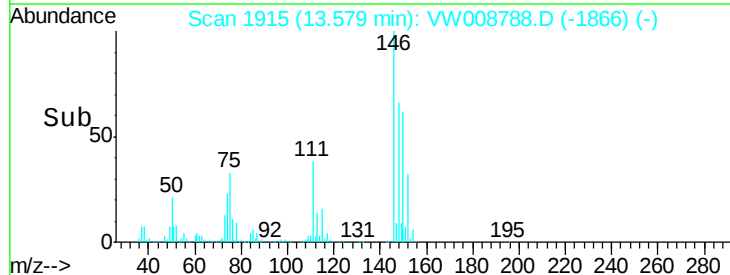
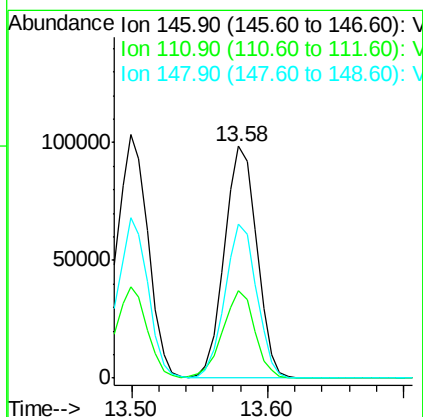
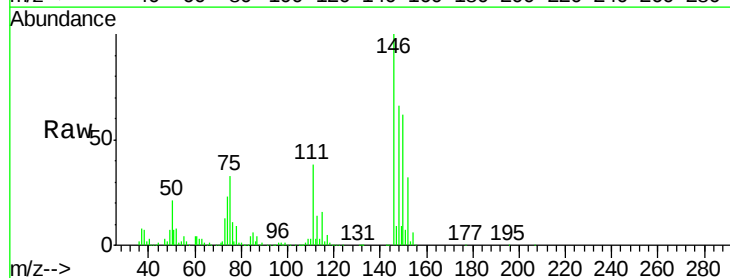
#87  
 1,3-Dichlorobenzene  
 Concen: 20.680 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

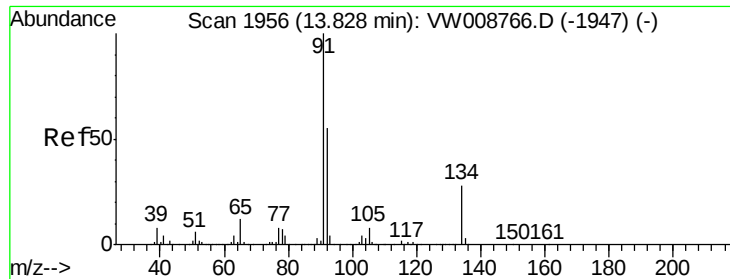
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.2  | 19.9  | 59.7  |
| 148     | 64.2  | 31.6  | 94.8  |



#88  
 1,4-Dichlorobenzene  
 Concen: 20.519 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. 0.00 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

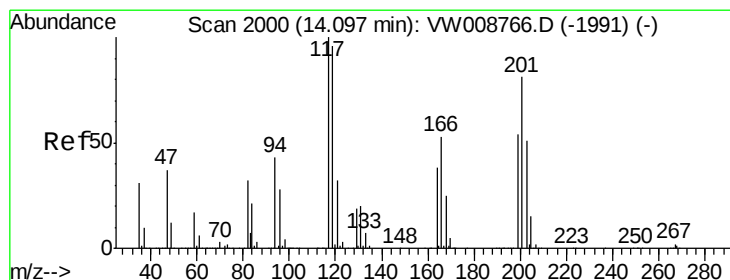
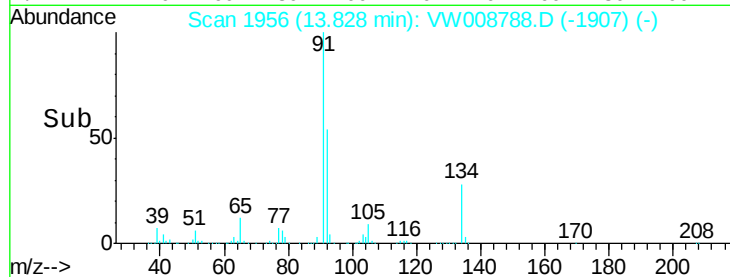
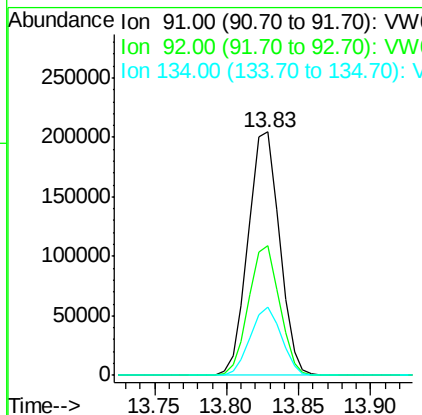
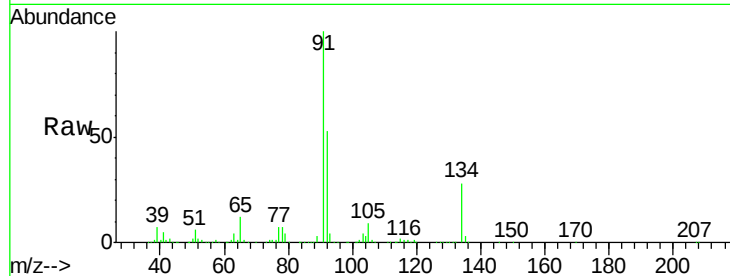
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 19.3  | 57.9  |
| 148     | 65.0  | 31.9  | 95.9  |





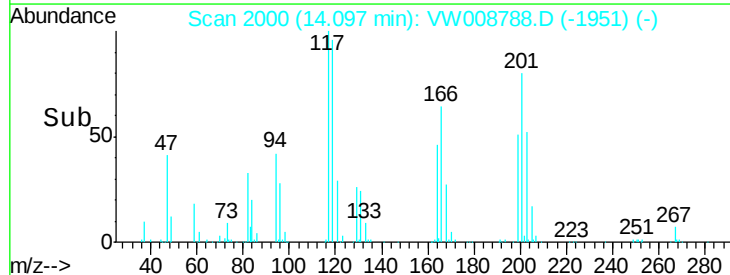
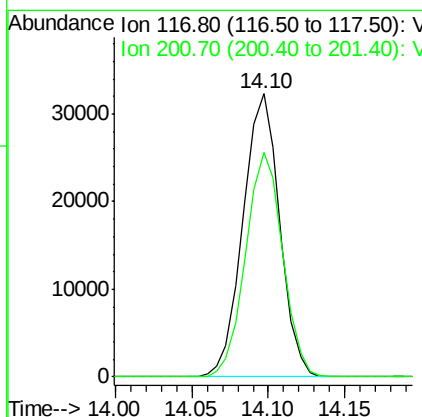
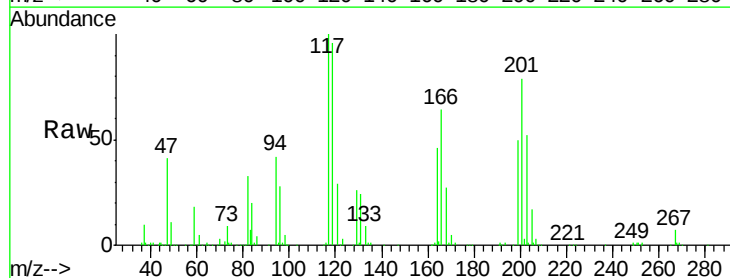
#89  
n-Butylbenzene  
Concen: 20.187 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tot Ion: 91 Resp: 308306  
Ion Ratio Lower Upper  
91 100  
92 52.3 26.8 80.4  
134 27.5 13.5 40.4



#90  
Hexachloroethane  
Concen: 20.154 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

Tgt Ion: 117 Resp: 53787  
Ion Ratio Lower Upper  
117 100  
201 80.3 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 20.460 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

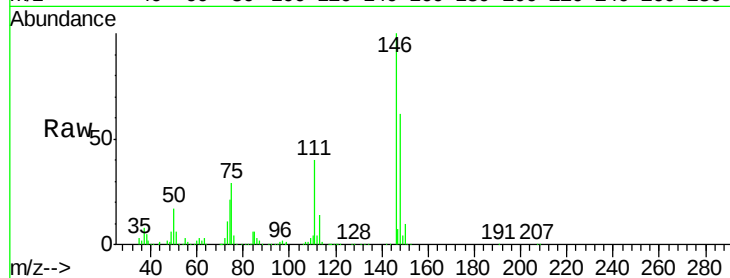
Tot Ion:146 Resp: 147111

Ion Ratio Lower Upper

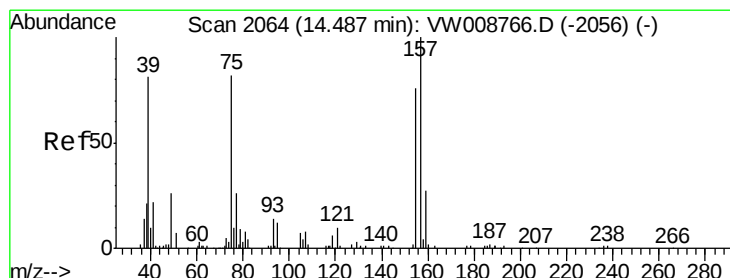
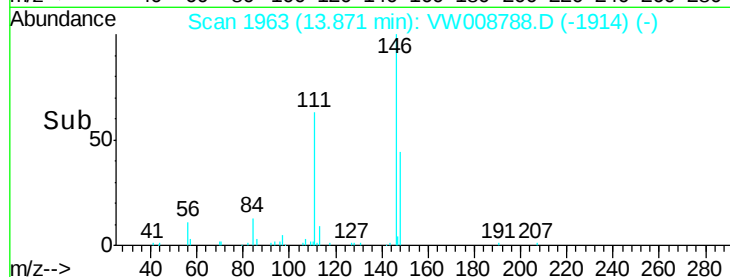
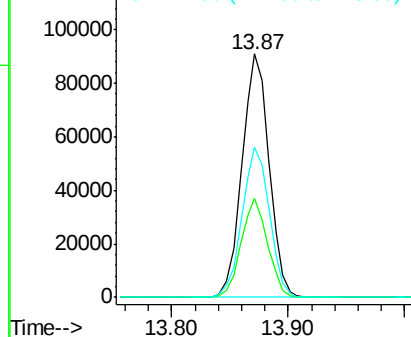
146 100

111 39.6 20.3 60.8

148 62.7 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.416 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008788.D

Acq: 22 Feb 2019 14:46

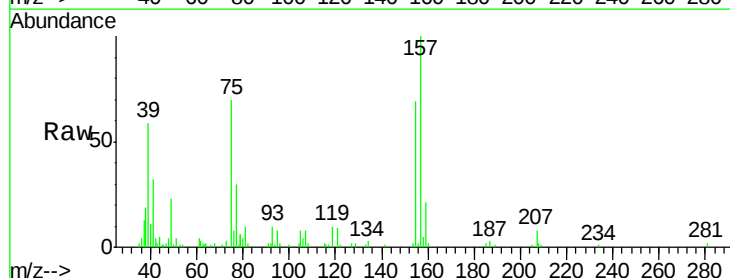
Tgt Ion: 75 Resp: 8959

Ion Ratio Lower Upper

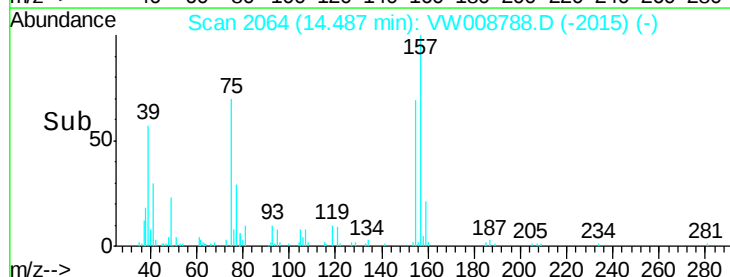
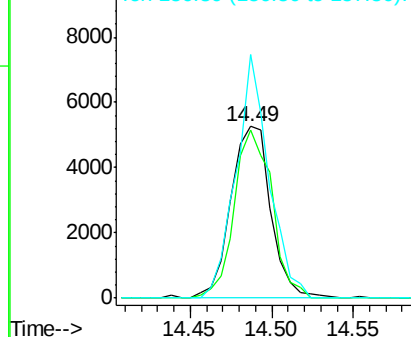
75 100

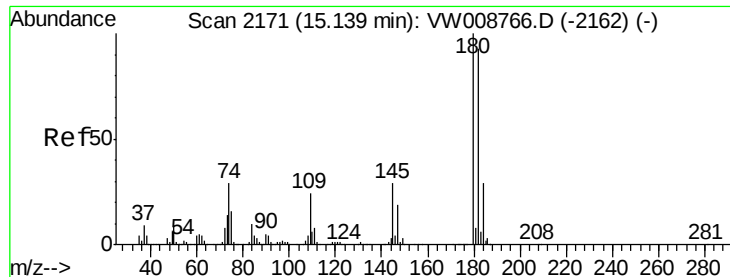
155 92.5 41.8 125.4

157 117.1 56.6 169.9



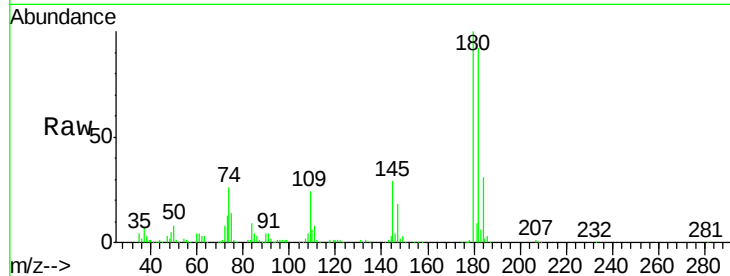
Abundance Ion 74.90 (74.60 to 75.60): VW  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V



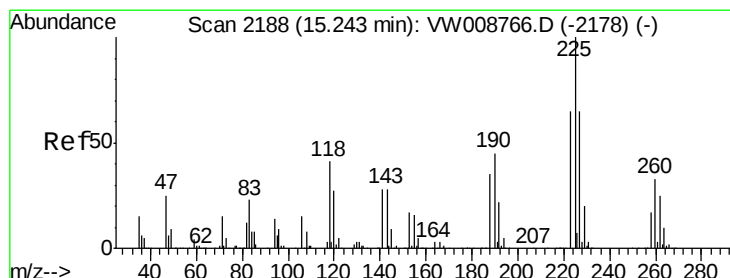
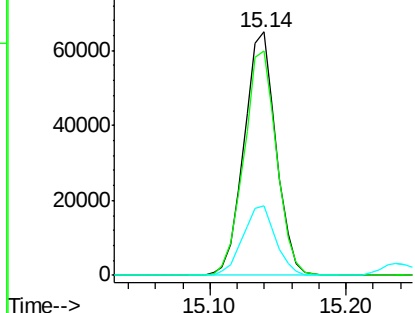
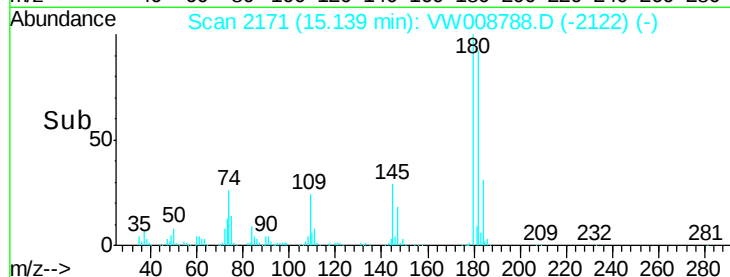


#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.633 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

|             |       |            |
|-------------|-------|------------|
| Tot Ion:180 | Resp: | 106893     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.1  | 47.2 141.6 |
| 145         | 29.3  | 14.4 43.0  |

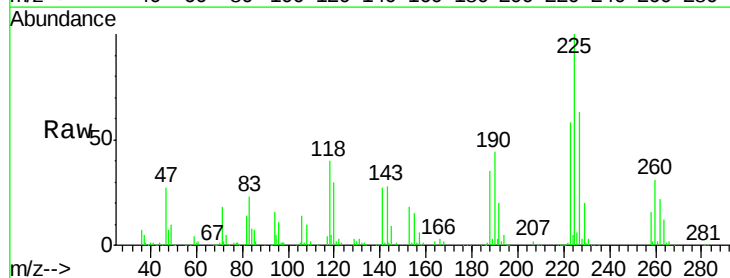


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

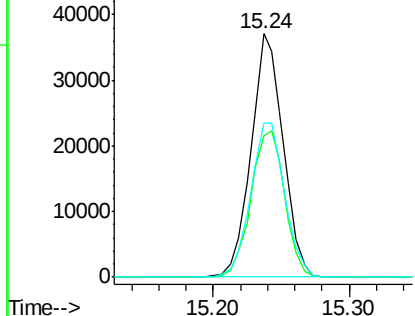
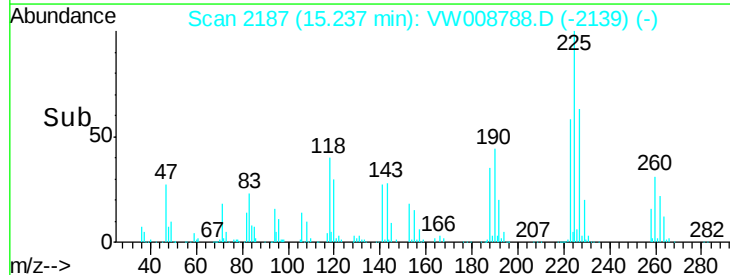


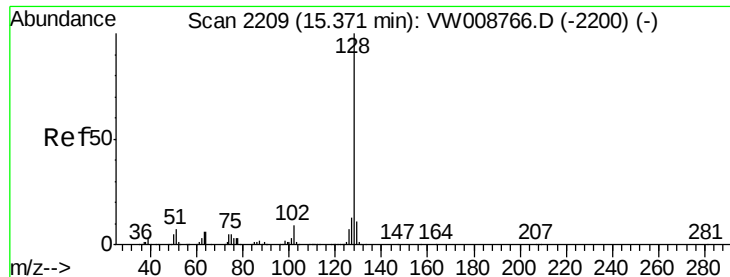
#94  
 Hexachlorobutadiene  
 Concen: 19.998 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.01 min  
 Lab File: VW008788.D  
 Acq: 22 Feb 2019 14:46

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 61026     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.3  | 31.5 94.5 |
| 227         | 67.4  | 31.6 94.8 |



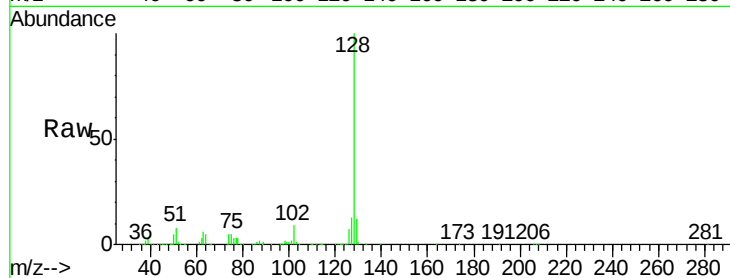
Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V



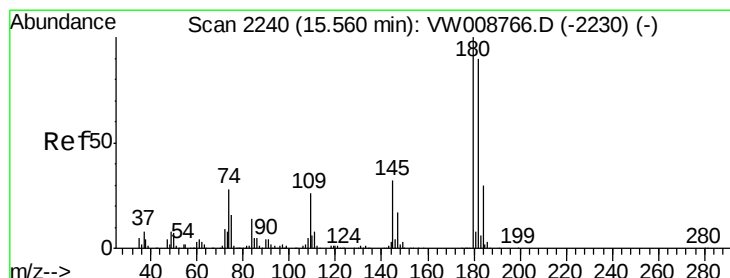
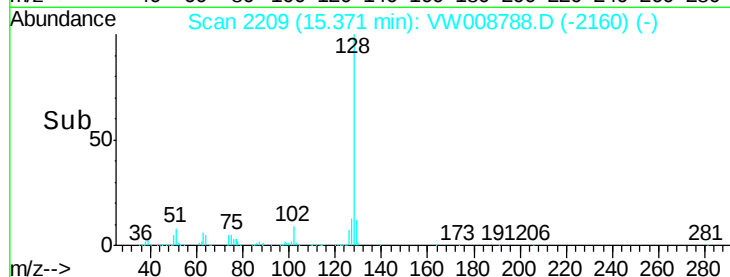
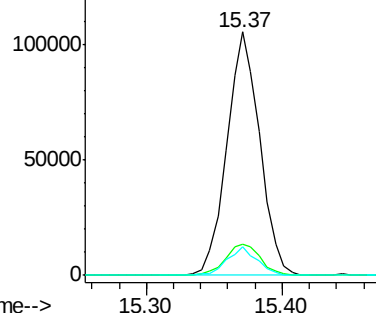


#95  
Naphthalene  
Concen: 20.246 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.6  | 10.8  | 16.2  |
| 129     | 10.8  | 8.7   | 13.1  |

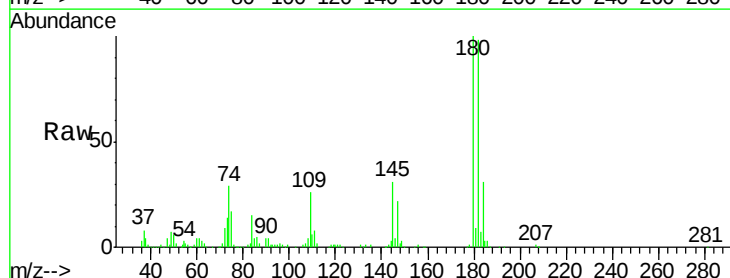


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 20.310 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. 0.00 min  
Lab File: VW008788.D  
Acq: 22 Feb 2019 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 46.9  | 140.8 |
| 145     | 33.2  | 15.9  | 47.6  |



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

